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CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

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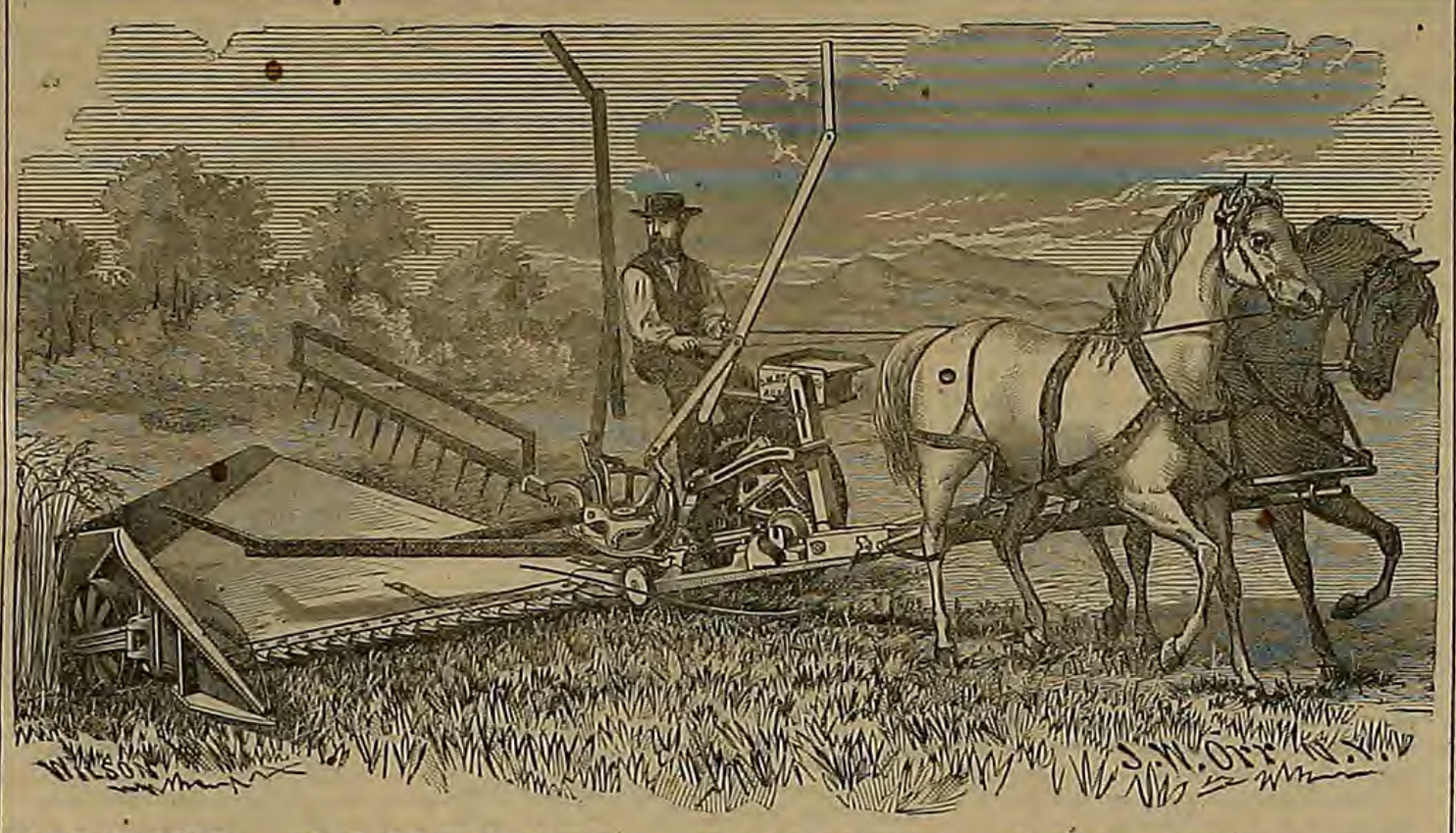

KIRBY'S COMBINED REAPER AND MOWER,

WITH COMBINED SELF-RAKE AND REEL.

WASHINGTON'S ACCOUNT OF THE AGRICULTURAL ADVANTAGES OF THE UNITED STATES IN 1796.

AN ACCOUNT OF THE CIRCUMSTANCES *which induced Sir* JOHN SINCLAIR *to apply to General* WASHINGTON *for information respecting the several States of North America in the year* 1796. — EDINBURGH May, 10, 1821.

"At the commencement of the year 1796, the aspect of public affairs in Great Britain became of the gloomiest description. Such was the success of the arms of France, and such the terror which they inspired, that the Continent seemed to be completely subdued; while the affairs of Great Britain itself were so unsuccessfully conducted as to give rise to the most serious apprehensions, in the minds of many, that it could not much longer continue the contest. The Minister who then governed this country (the Right Honorable William Pitt) was endowed with extraordinary talents and almost unequaled powers of eloquence. He was much better calculated, however, to shine in a popular assembly than to conduct a war, *more especially in conjunction with other States*, whom it was necessary to manage, to conciliate, and to rouse to the greatest possible exertions. He had not, himself, acquired any knowledge of foreign nations, and he would not listen to the communications of those who wished to give him true information respecting their characters and views—how far they might be depended on; and what they were capable of effecting. For some years I had been in habits of great intimacy with him, during which period every suggestion transmitted by me for his consideration was almost uniformly attended to. But latterly, from an inordinate confidence in his own resources, an unwillingness to listen to *disagreable truths*, (which an independent character felt it his duty to state, when any occasion required it,) and a dislike to those who would not be completely *subservient to him* on all occasions, he all at once altered so much his style of behavior toward me, that our connection together was dissolved.

"At that period of time, anybody who did not believe in the *infallibility* of William Pitt, was considered a species of public enemy. Disgusted with a nation which had thus submitted itself to the control of one individual, whom I considered in the light of a personal enemy, and seeing but little prospect that the country would be extricated from the difficulties in which it was involved, unless a different system was pursued, which was not very probable, I naturally thought it necessary to look out for an asylum for myself and family, where we might live at a distance from the calamities of Europe, which seemed more likely to increase than to diminish. I was thence induced to apply to a most respectable correspondent, (the President of the United States) to know what part of America was the most desirable place of residence for a British emigrant.

"This short narrative will explain to the reader the circumstance which led General Washington to transmit to me the following account of the several States of America. Owing to the difficulty however, of removing a numerous family, and unwillingness to quit a country for which I had naturally a strong predilection, and whose commercial interests and agricultural prosperity I still hoped it might be in my power to promote, the plan of emigration to America, was, after much deliberation relinquished. This was attended with fortunate consequences to the country. The Minister was induced to adopt a measure recommended by me—that of issueing two millions of Exchequer bills, by the loan of which the commercial interest was saved from almost general bankruptcy—and soon afterward he supported with his influence the plan of instituting *'a Board of Agriculture'* moved by me in the House of Commons, where it met with considerable opposition, but whose establishment (to which the support of the Minister materially contributed) I trust will form an important era in the history of the first of arts.

"It is only necessary to add that, by various accidents, neither the original copy nor the duplicate of the subjoined letter reached me; but fortunately, *'a triplicate'* was sent, which safely arrived. It was accompanied by a letter in General Washington's hand-writing, which I thought it proper to have engraved, 'That with an account of the United States of America, drawn up by that great statesman, every public spirited native of America might have it in his power not only to possess himself, but to bequeath to his posterity *'the Autograph'* of the founder of American independence, and of one who is justly ranked among the greatest and most illustrious characters the world has hitherto produced.'"

JOHN SINCLAIR.
Born 10th May, 1754.

PHILADELPHIA, 10 Dec'r. 1796.

Sir: Enclosed is the copy of a letter which I had the honor to write you by a ship called the Suffolk,—it unfortunately, as I have just been informed, was captured by the French.—as none of my letters ever get out of their hand, I have, that I may not appear inattentive to the honor of your correspondence forwarded a copy of it.—With great esteem and respect,

I am Sir
Yr most obed't and
Very h'ble Servant
G. WASHINGTON.

SIR JOHN SINCLAIR, Bar't.
White Hall, London.

LETTER FROM HIS EXCELLENCY GENERAL WASHINGTON, *to the Right Honorable Sir* JOHN SINCLAIR, *Baronet, containing an account of the Several States of America, as they appeared calculated for the residence of a British emigrant, in the year* 1796.

(Triplicate.] PHILADELPHIA, 11th Dec., 1796.

Sir: The near view which you have of the Revolution in France, and of the political state of things in Europe, especially those of Great Britain; has enabled you to form a judgment, with so much more accuracy than I could do, of the probable result of the perturbated state of the countries which compose that quarter of the globe, and of the principal actors on that theatre, that it would be presumptuous in me at the distance of 3,000 miles, to give an opinion relatively to either men or measures; and therefore I will proceed to the information required in your private letter of the 11th of September, which I will give from the best knowledge I possess, and with the candor you have a right to expect from me.

The United States, as you well know, are very extensive—more than 1,500 miles between the north-eastern and south-western extremities—all parts of which from the sea-board to the Apalachian mountains (which divide the eastern from the western waters) are entirely settled, though not as compactly as they are capable of, and settlements are rapidly progressing beyond them.

Within so great a space, you are not to be told that there is a great variety of climates; and you will readily suppose, too, that there are all sorts of land differently improved and of various prices, according to the quality of the soil; its contiguity to, or remoteness from navigation. the nature of improvements; and other local circumstances.—These premises, however, are only sufficient for the formation of a general opinion, for there are material deviations, as I shall mention hereafter.

In the New England States, and to Pennsylvania inclusively, landed property is more divided than it is in the states south of them. The farms are smaller, the buildings and other improvements generally better, and of consequence the population is greater. But then the climate, especially to the eastward of the Hudson river is cold, the winters long, consuming a great part of the summer's labor in support of their stocks during the winter. Nevertheless, it is a country abounding in grass, and sells much fine beef, besides exporting many horses to the West Indies. A mildew or blight, (I am speaking now of the New England States particularly,) prevents them from raising wheat adequate for their own consumption; and of other grains they export but little or none, fish being their staple. They live well, notwithstanding, and are a happy people. Their numbers are not augmented by foreign emigrants, yet from their circumscribed limits, compact situation, and natural population, they are filling the western parts of the State of New York, and the country on the Ohio with their own surplussage.

New Jersey is a small State, and all parts of it, except the south-western, are pleasant, healthy, and productive of all kinds of grain, etc. Being surrounded on two sides by New York, and on the other two by the Delaware River and the Atlantic it has no land of its own to supply the surplus of its population; of course their emigrations are principally toward the Ohio.

Pennsylvania is a large state, and from the policy of its founder, and of the Government since, and especially from the celebrity of Philadelphia, has become the general receptacle of foreigners from all countries, and of all descriptions, many of whom soon take an active part in the politics of the State. and coming over full of prejudices against their own Governments—some against all Governments—you will be enabled, without any comment of mine, to draw your own inference of their conduct.

Delaware is a very small State, the greater part of which lies low, and is supposed to be unhealthy. The eastern shore of Maryland is similar thereto. The lands in both however, are good.

But the western parts of the last mentioned State, and of Virginia, quite to the line of North Carolina, above tide water, and more especially above the Blue Mountains, are similar to those in Pennsylvania between the Susquehanna and Potomac Rivers, in soil, climate and productions, and in my opinion, will be considered, if it is not considered so already, as the garden of America; for as much as it lies between the two extremes of heat and cold, partaking in a degree of the advantages of both, without feeling much the inconveniences of either, and with truth it may be said, is among the most fertile lands in America, east of the Apalachian Mountains.

The uplands of North and South Carolina and Georgia are not dissimilar in soil, but as they approach the lower lattitudes, are less congenial to wheat, and are supposed to be proportionately unhealthy. Toward the sea-board of all the Southern States, (and the further south the more so,) the country is low, sandy, and unhealthy; for which reason I shall say little concerning them; for as I should not choose to be an inhabitant of them myself, I ought not to say anything that would induce others to be so.

To be continued.

Home Correspondence.

SILK CULTURE.

LOS ANGELES, CAL., Jan. 15th, 1869.

Dear Farmer:—Some time has now elapsed since my last to you. In that I promised to write you soon concerning matters of Agriculture, etc., and now that the smoke of the *Political Battle* has cleared away, and the people have confirmed their *"Grant,"* I hope therefore that the weapons of war may be beaten into plow shares, or some other useful *Agricultural* implements, that will bring peace and plenty to our much injured country. Hoping for a glorious future, we turn to to-day's prospects for southern California, especially Los Angelos Co., the *Italy* of America. Some of the *Farmer* readers may call this boasting—so it is; the people of Los Angeles County can boast of the finest climate in the world known to civization. There has been from time to time, and from different correspondents a great deal in its favor, yet a great deal more remains untold concerning its undeveloped Agricultural and Mineral resources, and if it was generally understood in the Atlantic States, especially the Northern and Western, and even the Northern portion of California. that Southern California posessed superior advantages in many particulars, the emigration would be ten to only one now, where lands are plenty and cheap, and the industrious man can with a few hundred dollars, make himself a comfortable home, in a clime not to be excelled, no, not found on any other portion of God's green earth. But then, everybody who has ever been here, knows this to be true.

Now about the Silk and Mulberry's, you know that is *our* hobby, and nothing fo—gy in that you know. That part or branch of Agriculture is commencing to assume gigantic proportions. There are several large plantations being planted near this City, from which millions of the little *Silk makers* will produce the golden fibre. All other branches of Agriculture are in a flourishing condition; the plow is busy in turning up the rich soil of our valley, and hundreds of broad acres are now being planted and sown. There was never better prospects for this part of the country. A reasonable quantity of rain has fallen in a reasonable time, yet we are in need of crying, as did "Oliver Twist."

We are having beautiful weather—everything is prospering; the city is rapidly improving, notwithstanding the great scarcity of lumber, having not half a supply for the city, saying nothing of the county improvements. We will for a time, say *Adios*, by adding that we send you in this letter two subscriptions, for the good *"Old Farmer,"* with a promise of sending a few more of the same whenever we can pick them up. Every farmer should read it.

Yours,
DR. DEWITT C. FRANKLIN.

INQUIRY ABOUT CALIFORNIA.

[We give the following letter just received by us from Orange county, New York, in order to show how great is the want of information among the people even of the EMPIRE STATE; yet one would suppose that the "Great Dairy County" of New York would be better posted about California, as they are supplying us with their butter. Our reply is below.—ED. F.]

ORANGE COUNTY, N. Y., Dec. 29, 1868.

Editor California Farmer:—

Having, through the kindness of the Editors of the *American Agriculturist*, obtained a copy of your valuable paper, I take advantage of the knowledge of your address thus gained, to enquire of you about the price of farming lands, in the region called by Gen. J. C. Fremont, the valley of San José, and described by him as "taken into connection with the valley of San Juan—a continuous plain fifty-five miles long, and one to twenty wide, opening into smaller valleys among the hills.' Of course I could not expect a detailed account of prices of land in every nook and cranny of this valley, but if you could give me some idea of the range of prices, I should esteem it as a great favor, as we are thinking of following the Star of Empire, and would like to have all possible information beforehand. Are prices of land, produce, etc., in California quoted in gold, or rather, is gold the regular currency? Please answer by mail, for which I enclose postage, and oblige, Very respectfully yours.

P. S.—Is the aforementioned valley considered healthy or the reverse, as Gen. Fremont speaks of "mosses on the trunks of trees, an indication of much humidity in the climate."

REPLY.

As our correspondent does not seem at all posted in California matters, especially in her agricultural resources and developments, we would advise him to obtain the "California Farmer" regularly, and read, as he can, letters from all sections of our State, (see letters from Los Angeles and Santa Barbara, in this number.) From these and continuous letters he would be able to gather sufficient data to guide him in making up his mind to come to our golden land.

Land in the districts named vary from $3 to $100 per acre, according to their location. Lands distant from the central points, generally $3 to $10. The prices of everything is based on "Gold Currency," that being our standard.

As to the healthfulness of our climate, there is nothing to surpass it on God's fair earth.

THE GOODRICH POTATOE.

From all sources we receive the most flattering accounts of this "Noble Potatoe." That it is a very early potatoe no one can doubt; although it has never yet been tried as early as it should, for we are satisfied we could have *three crops* per year. Two crops have been grown very successfully.—One of our growers writes us of date January 11; from "Eden Valley," and says—

"I have 15 lbs planted now, 6 or 7 inches high, and 25 lbs just out of the ground; and I have 40 lbs more to plant to morrow. I planted them all in rows 4 feet apart and 9 inches in the row, *single eyes.*"

Their plan is excellent, say we, as planting at different dates will thoroughly test the best time of planting and ripening. ED. F.]

Another correspondent from Newcastle, Jan. 18, says, in regard to the "Goodrich:"—

"I planted them 3 feet apart each way, from 2 to 3 eyes to the hill. They had no extra manure, nor extra care. I dug them in July, weighed them and had 222 lbs; I was very well satisfied. We have tried them and found them, my wife says, *perfect.* I shall plant some this week."

[In both these cases this stock was raised from very small parcels of seed, had of us last season. ED.]

NUMBER ONE.

We ask of our friends and patrons to review this our Number One of our Sixteenth years labor, and tell us if we have faltered in our efforts, though grown old in service.

We ask attention to the varied matter selected for their pleasure and benefit, and especially to the several letters of our correspondents, those upon Silk Culture and the settling up of our State.

The correspondence of George Washington of which we speak in another place we know will be read with interest.

OUR ADVERTISERS.

We feel we have reason to be proud of the advertising patronage bestowed upon this journal.—We seek only *first class* advertisers and receive no others. Those who look over our columns will recognize only those whose business add to the prosperity and general welfare of our State—of these we have as will be seen, some of the largest and best advertisements ever given to any journal, and the *largest* in any journal on the *Pacific Coast*—for such advertisers we cheerfully labor, and to such we are grateful for their patronag.

Agriculture.

BESSIE'S DILEMMA.

BY MARY KYLE DALLAS.

The cows in the farmyard know me,
Dapple, and Doll, and Dun,
And when at the garden-gate I stand,
To greet me the watch-dogs run,
"Everything loves you here," said he;
And I knew his meaning—oh dear me!

He is tall, this sturdy farmer,
His hair is a beach-nut brown,
Freckled with gold in the sunlight,
I have never seen him frown.
"I'm sure to be kind to my wife," said he;
I knew why he said it—oh dear me!

Peaches grow in his orchard,
Red, and Russet, and Gold,
You would think snow lay in the meadow,
When he loosens his white sheepfold.
"I don't know a better dairy," said he,
"Than my wife will boast of."—Oh, dear me!

One could dream of a life Arcadian,
As a farmer's wife, I think,
When the cattle stand in summer,
Mid-leg in the brook to drink;
And the strawberries red in the grass I see,
And the birds in the branches sing hymns to me.

But this peach-cheeked, blue-eyed farmer,
Honest and good, I know,
Could he live out a pastoral poem?
Nothing but time could show.
And the unloved, lonely wives I see,
Are so worn and pitiful!—Oh, dear me!

Does any man love forever?
Does any man have time
To keep wedding bells a-ringing
Through life with the same sweet chime?
Do poets live up to their dreams that you see,
Better than farmers? Oh, dear me!

SAN FRANCISCO CLIMATE.

[We copy from the Pacific Medical and Surgical Journal the following article which we esteem highly important to make widely known, as it explains in brief what so few understand.

It is a well known fact, that every county in our State is full of beauty and the climate of each has a thousand charms—each and every resident claim their own counties to be the best; and we know all have much to make them appear so in reality. We also copy two valuable items from the same journal on the prevailing epidemic as important just now. ED. F.]

"Why should we deride people abroad for their ignorance of California matters, when men of good general intelligence who have resided here fifteen or twenty years are quite as ignorant in regard to some things which they ought to know? What proportion of our old citizens, for instance, could give to a stranger correct ideas of the climate, especially as to its local peculiarities? You meet an old resident of Marysville and fill your note book with memoranda of the weather in that quarter. You do the same as to Stockton, Los Angeles, Santa Barbara, and so forth, discovering always that each place enjoys the finest climate in the world. To confirm your record, you make the round of a new set of informers. But alas! every man tells a different story from his fellow resident, agreeing only in the general conclusion that the atmosphere of his home is elysian. The rural suburbs of San Francisco furnish a hundred localities in each of which the sea breeze of summer is a mere zephyr. Across the Bay, every neighborhood—almost every "ranch"—has a climate of its own, more blessed than any other.—In Oakland, the question has assumed a practical aspect—certain officials of that ambitious village have announced publicly that small-pox patients are sent there, or are likely to be sent there, from San Francisco, in consequence of the superior climate, Every well informed man knows, or should know, that the climate of San Francisco, in the winter season, is the best climate in the State, unless that of the most southern counties be excepted. The wind and mist from the ocean, chilling and harsh from May to October, are entirely wanting at this time, while the "northers" which sweep over the State are scarcely felt on the peninsula, and the southerly stormwinds are much lighter here than in most other localities.—In other words, San Francisco has no sea winds in winter, and is out of reach of land winds. As to temperature, that of the day varies but little in winter, in the valley regions of northern and middle California, while the nights are warmer on the peninsula of the metropolis, than elsewhere. In the summer months, from April to October exclusive, Oakland has a much more pleasant climate than San Francisco, though other parts of Alameda County, removed from the jaws of the Golden Gate, have a better climate than Oakland. In the other months of the year, from November to March exclusive, San Francisco is more free from wind and frost, and has a more agreeable climate in general than the regions east of the Bay."

We must go out of ourselves to be ourselves in any lofty sense. No man can truly call that his own which he has not himself made his own; none are really happy who have not earned their happiness by self sacrifice.

Good advice to young people—before you marry, be sure of a house wherein to tarry.

TIM BUNKER ON THE EIGHT HOUR LAW.

BIG FERMENT IN HOOKERTOWN.

MR. EDITOR.—We have been having considerable doings up here lately, and as you wanted me to keep you posted on Connecticut news in general, and Hookertown in particular, I send you some notes I took on the Eight Hour Convention. It was got up by Cicero Smith, and a few of the fellows that work with him, when they do anything, which is not often.

Big posters were stuck up on all the sign posts in town, calling up mechanics and working people in general to meet in the town hall and assert their rights, just as if somebody had been trying to take away their rights. There was a full house. Shadtown was well represented by the fishermen, and the White Oaks turned out strong. Kier Frink and the coal men came down in their carts, and Hokertown street has not seen such a collection of broken down wagons, and gaunt, rawboned horses, in many a day. It reminded one of the early days of the war, when they were holding big meetings to drum up recruits.

Judge Loring was appointed chairman, and Cicero Smith introduced a long string of resolutions, recommending eight hours as a legal day's work, and pledging the meeting for no man that was not in favor of an eight hour law. He said the time had come for the heavy burdens of labor to be lifted from the working classes that they now did all the work, got poor pay, and had to live in humble abodes, on scant fare, and endure all the ills of poverty. They were ground down by capital to the lowest depths, and had no time for the cultivation of their minds, and for social enjoyments. He hoped to see the day when the men who did the work should have the money, and the fine houses, and the fast horses, and enjoy themselves like human beings. He was in favor of paying the laborer as much for his eight hours as he now received for ten, and if that was not enough, he would go as far as the fartherest in relieving his wants, and meeting his wishes.—The only true foundation for a State was to glorify labor.

Seth Twiggs said he should like the latter part of the gentlemen's speech, better if he would illustrate it in his life. If anybody got one hour's work out of Smith, it would be so much clear gain. "There is as many as two ways of glorifying labor. One is to make stump speeches to working people, and the other is to pitch in and work yourself." He thought a man who held a plow, or chopped wood all day, honored labor enough site better than a man who was everlastingly talking about work and doing nothing. He didn't value the working of the jaws near so much as some other parts of the body.

Uncle Jotham Sperrowgrass said he didn't know as he understood this eight hour movement, but as far as he did, he didn't think much of it. "It ain't anything new. It was tried over on the Island more than forty years ago. There was a set of fellows trying to get rid of work, and they come nearer to saying what they meant than folks did now. They wanted to devide up property equally all around, and said nothing about working for it. When I was a boy, folks who got ahead any, used to get up early in the morning and work as long as they could see, and milk the cows in the dark. If they got the chores done by nine o'clock and got ready for bed, they did pretty well. They hadn't much time to feel abused and talk about their rights. The main pint was to get a living and get ahead in the world. They may have carried work a little too far, but arter all, they were first rate people, and better neighbors I never expect to find in this world." It seemed to him that the question was whether folks should work and thrive, or try to get a living without work. For one, he was in favor of work, and if he could find anything to do that paid, he should not be particular about the hours.

George Washington Tucker said he was glad there was somebody to consider poor folks. He had always worked hard and had nothing to show for it. He never owned a foot of land, and could never expect to without some change of times. He wanted more pay and less work, and he thought the eight hour plan the best one that had ever been tried for the relief of poor folks.

Jake Frink said he was a good deal bothered about the question. "Heaven knows I've had work enough to git along. I've been trying to pay for my farm these thirty years, and hain't made it eout yit. And I've worked like a dog a good part of the time. But how working eight hours instead of twelve is gwine to help me, I can't exactly see. I rather guess there would be less corn in my bin, and pork in my cellar in the fall, than there is now. I have to hire some help in summer, and if a man quits in the middle of the arternoon, and leaves me to git up the hay and and grain, I don't see how I'm gwine to be benefitted. It looks considerable like a humbug. I bo't some patent manure one't."

Dea. Little said he didn't like the looks of this question. "They tried the same thing in Sodom, and it didn't work well. The land was rich and produced big crops, and they had nothing to do but look on and see 'em grow. They come very near getting rid o' work, and took to serving the devil so that no decent man could live among them." Work was a good thing for sinners, and he never expected to live without it. He thought if his friend Tucker would pull harder at the hoe-handle, and not so much at the bottle, he would be able to own land and a house, and to be quite comfortable. Idleness clothed a man in rags in Solomon's time, and he didn't expect to see a lazy man's wardrobe improve any in our day. "If you want anything, work for it, and if you work long enough and hard enough, you are pretty sure to get it."

Rev. Mr. Spooner, said he was troubled about the moral aspects of this movement. It was nothing new that men tried to escape the curse of toil. Nothing has called forth more ingenuity, but the curse still remains, and he doubted if man would ever be able to repeal the law, "Six days shalt thou labor." Eight hours was not a day's work under this law, whatever the civil statute might make it. The average length of the day was about twelve hours. Men were able to work more than eight hours, and did generally without injury to health, and with much advantage to their fortunes. That was pretty good evidence that they ought to work more. Some people he supposed, worked too long and too hard, but there was a far larger number who were ruined by idleness and the vices that grow out of it. He thought the great want of the country was more labor.—If this measure was made a practical thing, it would take one-fifth from all the labor in the country, and that meant when he come to sift it down, a deduction of one-fifth from every man's income. It was labor that gave value to capital. Men who had money could not loan it unless its use could be made productive by labor. The country was not ready for any such reduction of production and of income. The agitation of the question he thought was michievous, and would only tend to embarrass the relations of capital and labor.

Last sunday Mr. Spooner preach a Sermon from St. Paul: "Neither did we eat any man's bread for nought, but wrought with labor and travail, night and day, that we might not be chargeable to any of you," in which he laid out the eight hour law in its grave clothes. Paul was a gentleman and believed in paying his way, which the eight hour folks don't. If we are going to have anything besides victuals and clothes, we've got to work more than eight hours for it. Quitting work in the middle of the arternoon in haying time won't go down. Even Jake Frink can see the bearing of that nonsense.

Yours to cammand,
TIMOTHY BUNKER, ESQ.

Hookertown, June 15th, 1867.

TO GET RID OF RATS.

SIR: Perhaps the following, from a good source, will be acceptable to such of your readers as are troubled with rats: Cover a common barrel with stiff, stout paper, tying the edge around the barrel; place a board so that the rats may have easy access to the top; sprinkle cheese parings or other "feed" for the rats on the paper for several days, until they begin to believe they have a right to their daily rations from this source. Then place in the bottom of the barrel a piece of quartz about six or seven inches high, filling with water until only enough of it projects above the water for one rat to lodge upon. Now replace the paper, first cutting a cross in the middle, and the first rat that comes on the barrel-top goes through into the water and climbs on the rock. The paper comes back to its place, and the second rat follows the first. Then begins a fight for the possession of the dry place on the stone, the noise of which attracts the rest, who share the same fate. The second method is recommended by a servant who was "experienced." She took a small quantity of old Bourbon whiskey, made it sweet with sugar, crumbled in bread enough for the crowd, and set the dish in the cellar. A few hours after she went down, and found several rats gloriously fuddled, engaged throwing potatoe parings, and hauling one another up to drink. These were easily disposed of; and those not killed left the premises immediately, suffering from a severe headache.

Yours,
Bulimba, August 15. J. J.

IMPORTANCE OF CULTIVATION.—At a late meeting of the Alton (Ill.) Horticultural Society, E. A. Riehl, in the course of a lecture on soils and orchards, made the following remarks:

Were a beginner to ask my advice on this subject, I would say to him, prepare your ground well and thoroughly, if you can, and then give good, thorough and constant cultivation; but, if you must be slack in any thing, let it be in the preparation of the land. I would far rather take raw land that has been grubbed and broken in the common manner, and plant my trees without any other preparation, and then give good, thorough cultivation, than to have land prepared in the best and most thorough manner, and then give such cultivation as orchards generally receive.

Perhaps some one take what I call thorough cultivation? By thorough cultivation I mean working the soil so that it shall be free from weeds, and mellow, all the time from early spring up to about September; any manner of cultivation that will give those conditions, I call thorough cultivation, and it will answer my purpose whether a crop is grown on the ground or not; or, whether by mulching or by any other manner, give us these conditions, and trees and plants will grow and be fruitful, whether the soil has been deeply prepared or not; and, on the other hand, thorough preparation will avail nothing unless followed up with thorough cultivation.

A FEW GOLDEN TRUTHS.

BY HENRY WARD BEECHER.

LOVE'S MESSENGERS.—"A beautiful mother sits in her house and says, "Mary go down to that dwelling, and carry this food. Julia, go down to the dwelling on the other side of the street, and carry this tea and this sugar. Charles, take this money to that man; I promised to pay his rent James, take this clothing down to that woman; she is sadly in need of it. Elizabeth, take this book to that child." Elizabeth, and Mary, and Julia, and Charles, and James, are so many names of the messengers sent on these various errands of mercy; but the mother was back of them all, and sent them all.

"Now the soul has its mother, Love, and she says to Conscience, "Here, do such and such things;" to Veneration, 'Here, do such and such things;' and to reason, 'Here, do such and such things;' and Conscience and Veneration and Reason, and all the other faculties, run to do as they are bid; but it is the mother, Love, that sends them. They all represent her and perform her errands. Though each one walks with a seperate name, Love sits behind them, and they obey her mandates.

MAKING RULES FOR OTHERS.—It is not selfishness in themselves, but selfishness in others, that men hate. Every man wants his wife, his children, and his neighbors to love him supremely. Everybody thinks that everybody else ought to keep their temper. He is the only one that has a right to indulge in ill-temper. Every man draws the reigns tight in regard to other people, but allows himself the widest latitude,

TROUBLES SHOULD EXALT US.—You can imagine thistle-down so light that when you run after it, your running motion would drive it away from you, and that the more you tried to catch it the faster it would fly from your grasp. And it should be with every man, that when he is chased with troubles, they chasing, shall raise him higher and higher."

RELIGION NOT TO BE LOCKED UP.—Do you suppose that religion is like a bird in a cage, and that you can lock it up in the church, and that the keeper will take care of it, and feed it, and have it ready to sing for you whenever you choose to come here and listen to it? Is that your idea of religion? Very well, then, your Bible and mine are different. We read different translations!"

PROTECT THE NOBLE HORSE.

There is one infallible truth constantly to be obtained, of the cruelty of the use of the check-rein and of its injurious effects, though we believe very few persons are aware of it. Whenever a horse has been worked with a tight check-rein, the corners of his mouth become *raw, inflame, fester*, and eventually the mouth becomes *enlarged on each side*, in some cases to the extent of *two* inches. Even before the bit has produced these visible effects, if the corner of the mouth under the bit be touched the animal will flinch as from hot iron. Let this be a sign with every master and servant. To what are these enlargements attributable? What causes them? Nothing but the friction of the bit in the efforts of the horse to get up to his work. How dreadful to see a horse heavy laden, his neck bent in a perfect curve—his mouth wide open—his eyes ready to start out of their sockets. The ignorant, though, *perhaps*, not cruelly disposed driver, looks on with admiration to see how *handsome* his horse appears, and imagines that the tossing head, open mouth, and gnashing teeth, are signs of game and strength; whilst, on the contrary, they are the most unequivocal evidences of distress and agony. Let any one test the truth of this by loosening the check-rein, and he will immediately find the horse go *faster*, keep his mouth shut, and his head in one steady horizontal position. Draught horses frequently exhibit the most painful examples of the cruelty of using a tight check-rein. Whether at work or standing they will often be found in continual torment—tossing their heads, or resting the weight of them on the bit, and so drawing back the corners of their mouths so as nearly to split the ligatures. At work, instead of going on steadily, they bob their heads, feeling the check at every step they take. A short time since the writer stopped a wagon to look at the mouth of the shaft horse—he found the mouth actually cut open by the bit at least two inches on each side: the wagoner said "I know'd it sure; *'cis the fair wear of the 'rn!*" The man was open to conviction, and upon the cause of this dreadful punishment being shown, he altered the rein.

The propensity to back, if not actually caused, is much increased by the check rein. In ascending a hill the freest horse may be compelled to stop and refuse to exert himself, knowing that he can put forth no more strength until the head is loose. A short time since the writer saw a crowd collected looking at a coal cart, full laden, drawn by an immense horse. The street is of moderate ascent and the horse had stopped just below the top of the hill; The driver turned the horse round down the hill, then up, and with his helpmate humanely assisted by pushing. The horse, without being flogged or spoken to, went on steadily with his heavy load, to about the place he before stopped at, and again gave up; he was sweating much and appeared to be a good *game* horse. The writer went up to the driver and advised him to unhook the check rein. The man said "it's no use, I have turned him round three times." The writer said he must be a good horse to take the load three times, and pressed him to unhook the rein. The man replied "he will fall down." The writer coaxed him to try. The rein was unhooked and immediately the horse took the load from the spot where he stood. The man said, "well I would not have believed that." It is not uncommon for considerate drivers to unhook their horses at the foot of a hill, which is very strong proof of the folly of using the check-rein at all. It has been, and may be again advanced as a plea for its retention, that a horse after having been used to a rein will miss it and so be liable to fall if he trips after it is taken off. A trial will prove that this is not the result. A check rein is fixed to the falling horse *falls with him*—it cannot save him; it keeps a horse from seeing and avoiding stones and other impediments; it is a hindrance, not a help; an injury, not a benefit. It cannot be supposed that a horse stumbles willingly; therefore to punish him for it, as is too often done, is wrong, and only adds to his fears.

To the ladies, the Society appeals with earnestness, knowing full well how pained they would be were they conscious of the horse's agony which causes that unceasing motion of the head which they have, doubtless, at times observed. Could these speechless sufferers answer the inquiry, "Why do you continually toss your heads while standing in harness? Why do you stretch open your mouths, shake your heads, and gnash your teeth? Why do you turn your heads back towards your sides, as if you were looking at the carriage?—they would answer: All this is done to get relief from the agony we are enduring, by having our heads kept erect and our necks bent by tight check-reins.—*From Pub. of Royal Society of London.*

Miscellaneous.

TRUE'S

IMPROVED

POTATO PLANTER

This is, undoubtedly, one of the most valuable machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of Men in Planting Time

Makes its own furrow, cuts the potato in such slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly and does all this as fast as a horse can walk over ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all spring and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attention to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it.

Particulars and Catalogues can be had at our office

WARREN & CO.,
320 Clay street, up stairs

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MADE IN HOME INSTITUTIONS PROMOTE THE general prosperity of the State. It is therefore the interest of all who reside on this coast, in effecting insurances on their lives, to give the preference to

THE CALIFORNIA

MUTUAL LIFE

INSURANCE COMPANY.

INCORPORATED NOVEMBER 16, 1867.

Capital in U. S. Gold Coin, $100,000
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Which Company, offers to residents of the Pacific Coast greater advantages than are offered by any Eastern Company. Read the Prospectus of this Company before applying elsewhere Copies can be obtained at the office of the Company, No. 13 MERCHANTS EXCHANGE.

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Valuable Patents FOR SALE.

We invite the attention of energetic Mechanics to several very

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of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

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EARLY GOODRICH POTATO

Important to Market Gardeners and the Agricultural Public.

The Undersigned, having growing and tested the above Potato for two seasons, have no hesitation in pronouncing it far superior to any other grown on the coast, for an early Potato, and now offer it for sale. It is very early (from three to four weeks earlier than any other) good size, white skin, smooth eyes, white flesh, superior table qualities, and very productive.

L. F. or F. SANDERSON, San Jose, Cal.

Agents in San Francisco—GRIFFITH & ELLIS, 225 Washington street, one door below Front; and G. SILVESTER, No. 317 Washington street.

To Take Charge of a Place.

A young man with some capital (from $500 to $1,000) can hear of a good opportunity to take charge of a place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and Industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a one a good chance can be given.

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Address
30-20 Care of FARMER Office

Horticulture.

FLOWER'S WITHOUT FRUIT.

BY F. H. NEWMAN.

rone thou thy words, the thoughts control
That o'er thee swell and throng;
hey will condense within thy soul,
And change to purpose strong.

at he who lets his feelings run
In soft luxurious flow,
hrinks when hard service must be done,
And faints at every woe.

'aith's meanest deed more favor bears,
Where hearts and wills are weigh'd,
han brightest transports, choicest prayers,
Which bloom their hour and fade.

ANTIQUITY OF THE SILK-WORM.

annot see any reason to doubt but that the worm had its original within the sixth day of orld's creation, on which day the species of nd insects, quadrupeds, etc., were created, as acred penman informs us—(*Gen., chap. i,* c —"And God said, let the earth bring forth the creature after his kind, cattle, and creeping , and beast of the earth after his kind: and it o. But whether the antediluvians had dis- ed any knowledge of this noble insect, the er of its spinning its web, and its usefulness ankind for clothing, etc., does not appear.— er is it certainly known at what time after ood, or by what nation, they were first taken e of. It is by some attributed to Noah, that st discovered the use of these wonderful crea- , and propagated them in China, where he is osed to have settled after the flood, and be- a husbandman in those parts, and by some ought to be Fobi, their first king. Others end that the knowledge and propagation of the worm were as early made known to the Per- by the sons of Noah, or their posterity. Be as it will, it is certain that both these nations the knowledge of silk very early, and were irst that propagated silk, and reaped the pro- nd benefit of it many hundred years before other country; for the first time that any was brought into Greece was after Alexander Great, had conquered Persia, and about 300 before the birth of our Saviour; which is t 2000 years since the knowledge of it in those s. And from thence it came into Italy, in the rlebing time of the Roman Empire. But it a long time very dear in all those western s, as being weight for weight of equal value gold,—a pound of one costing a pound of the r. Persia was the only place which Euro- s frequented for the sake of their silk; and it rtain that the Persians took care for many dred years to keep their manufactures to them- es, not permitting the silk-worms to be carried of Persia, or any persons to pass from thence the west who were skilled in managing them. made them in Europe to be so ignorant as to k that silk grew on the tops of trees, as cotton. o that by this may be seen how ignorant the opeans were as to the knowledge of the pro- tion of silk, and remained so until the time of tinian, the Emperor; the reign of which empe- began A. D. 526. He, looking on it as a great dship that the subjects of his empire should this manufacture of the Persians at so dear a , in order to put an end to this imposition. ent two monks into India (understanding that re was plenty of silk in those parts) to learn re how the silken trade was managed, and on ir return to bring with them, if it was possible e procured, some of the species, whether veg- ble or animal, from which the silk was produc- that so he might set up the manufacture in his n dominions. These monks, when they return- told him that the silk was produced by an ect, which could not be brought so long a rney alive. But understanding from them that eggs might; and that from them the creatures ght be propagated, he sent them back a second e to bring him some of those eggs, who, having ected what they went about, brought to Constan- ople great quantities of those eggs, which they sented to the emperor; enclosed in a roll or n of paper, with instructions how to breed, rish, and draw silk from the said creatures, ich was received with great applause and ad- ration; and from them have been propagated all silk-worms and their silk in Europe.

TRANSFORMATIONS OF THE SILK WORM.

The first is from an egg of the bigness of a mus- d seed, of a liver color, to a worm or catter- lar of a pale cream color inclining to white, th one small dark circle on each side upon every nt, and two half circles on its back, having six t—viz., three on each side near the head, and holders—viz., four on each side near the mid- of the body, and one small one on each side ar the tail. During this form it undergoes con- antly four sicknesses, each lasting about three ys, wherein it feeds not at all, but grows thicker, orter, and clearer, and at each sickness changes skin.

The second change is from a worm to an aurelia chrysalis, of the same color as the egg, having e shape of a small plum, whereunto it is trans- rmed after its spinning time, in which state it shut up in hot countries for fourteen or fifteen ys, in more temperate ones eighteen or twenty ys, without any food known to us, during which me this insect leaves two coats, both that of a rm, when it is changed into an aurelia, and that an aurelia when it becomes a moth in its silk case or bottom. (Case, silk-bottom, cod, ball, &c., are only different names for one and the same thing.

The third transformation is from an aurelia to a moth, coming out of its case with a head, legs, wings, horns, &c., for which passage it makes way by a whitish water it casts upon the silk, which moistening, and thereby putrifying it, the new creature eats its way out through the sharp end of the case by a hole as big as itself. There is found no excrement in the case, but only the two skins just mentioned. This last change into a moth is the perfection of this insect. Soon after the male and female moths are come out of their cases they couple, and continue coupled for eight or ten hours; the male having spent himself, falleth down, and in a short time after dieth, and the female, having first laid her eggs, shareth the same fate. The eggs, when they are first laid, are of a pale yellow, but in a few days change into a liver color. And, what is wonderful: these eggs are kept ten months in the year as a dead thing, taking life again in their season.—*English Antiquarian.*

GOLD MEDAL AWARDED

BY THE

State Agricultural Society, 1867,

And Silver Medal

BY THE MECHANICS' FAIR, 1868

FOR THE BEST SPARKLING WINE.

3 FIRST PREMIUMS

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Our New York House, under the name of

WILSON, MORROW & CHAMBERLIN,

will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make Liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances thereon if required. Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Miscellaneous.

Grapes, Raspberries, Strawberries, Blackberries, etc.

LEARN HOW TO RAISE

GRAPE VINES.

Learn How Grapes are Grown

IN THE EASTERN STATES.

LEARN HOW TO GROW

Small Fruits:

Raspberries,
Blackberries,
Strawberries,
Currants,
Gooseberries, etc.

Many *New Varieties* have, within a few years been brought out, which far surpasses the old varieties; such, among Raspberries, are the

Clark, which we place at the head of the list of tried varieties;

Davison's Thornless Black Cap, an entirely thornless black Raspberry, of very distinct habits of growth. Excellent fruit;

Prosser, a competitor for the position the Clark has taken. Stands dry Summers well;

Philadelphia, most productive

Doolittle Black Cap, extensively planted for field cultivation;

Cattawissa, good flavor, red; bears two crops annually. Have seen it with ripe berries and blossoms at the time of our first snows, about November 20.

AND MANY OTHER VARIETIES.

Among *Strawberries,* the *New Varieties* are

Charles Downing,
Dr. Nicaise,
Nicanor,
Durand, etc.

All these varieties are described in the New Edition of our

"Manual of Grape and Small Fruit Culture."

This is a neat little Pamphlet, containing full instruction how to cultivate all these different varieties of Small Fruits. It contains full descriptions of the New Blackberries,

WILSON'S EARLY and KITTATINNY,

together with a new White or Cream-colored variety, which will be brought out this fall. Also,

HOW TO GROW BLACKBERRY PLANTS.

Last Fall we disposed of over 250,000 Blackberry Root Cuttings. We have heard of but few instances where they did not grow. We sent thousands of them to customers, by mail, as an experiment, to prove they could be sent safely as far as California. We sent a package to Colonel Warren of the "California Farmer."

Our Pamphlet, containing Price List of our stock of Plants and Cuttings, can be obtained by calling at the office of the California Farmer, or by addressing Col. Warren, Editor California Farmer, San Francisco, Cal.

We have 50 acres devoted to the culture of Small Fruits not all cultivated yet; 20 acres in Strawberries; 14 acres in Raspberries; 7 acres in Blackberries; 2 acres in Grapes.

WARREN & CO., *California Farmer Office,* are appointed Special Agents for our Nursery Stock, where orders can be left to secure them to customers this season. Orders should be sent at once.

J. H. FOSTER,

39-7 Kirkwood P. O., Camden County, New Jersey

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

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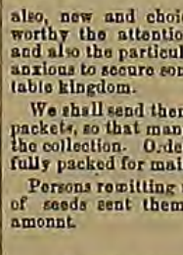

DEALER IN

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Red and White Wines,

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Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*

Can obtain SUPERIOR SEED at the

FARMER OFFICE.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit, is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer Office.*

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

New Strawberries, Raspberries, Grapes &c

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO

FARMER OFFICE

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the following Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,

30 8 Mt Hope Nurseri Rochester, N. Y

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,

Farmer Office.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at . . . 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75 00

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

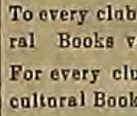
Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

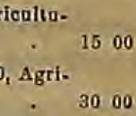
We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address **COL. WARREN, Editor.**

or WARREN & CO., Publishers.





Horticultural Premiums

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberry.

For two new subscribers and $10 we will give two plants each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison's Thornless Raspberry, one dozen Kittatinny Blackberry, half a dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country,** in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale,* or to lease for a term of years, can find the parties that will suit them if they communicate with this office immediately.

None but good bona fide sellers need apply, as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

BOUND VOLUMES FARMER.

☞ **Volumes of the "California Farmer" for** The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essays L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....JANUARY 21, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production : Grains, Grasses Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms; Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so

Send for Sample Papers and get up a club, Address
PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place, No. 23 KEARNY St, west side, up stairs, to which they cordially invite the public to examine them. 32 1

New Currants.

THE GONDUIN RED.
Long Bunches, rich and delicious.
THE LA FALLEAU.
A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.
BLACK NAPLES.
Very fine for preserves and Jellies.
WHITE GRAPE.
A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe, or CENTURY PLANT.
PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental.
JAPAN LILLIES,
Rare Kinds ROSES,
GERANIUMS,
HELIOTROPES,
FUCHIAS,
We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.
Send orders to
FARMER OFFICE.

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.
—ALSO—

LAKE HOUSE,

DELMAR AVENUE,
SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,
31-1 Proprietor of the Auzerais House.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print our next issue on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

OUR GREETING.

With our opening Volume, we rejoice to know OUR COUNTRY is in a most prosperous condition, and marching on to still more greatness. Our own State, GOLDEN CALIFORNIA, was never so prosperous as at the present time, in each and all the great interests that make up a prosperous State.

Our principal Cities and our largest Towns, are prospering beyond any previous time, and every interest is increasing in a high degree. Our Farmers are *most prosperous*, for they are now the Lords of the Soil, and the Magnates of the Land. We rejoice in this general prosperity of our people.

What can we say to our patrons in this opening number of our *New Volume?*

What promise shall we make for our SIXTEENTH YEAR?

Shall we say that we will be more *devoted* to the cause we have espoused, that we will give more time or means to our work?

Shall we say we can or will give more of bodily strength, that is spent in pursuit of our enterprize; or of *mind* that is bent to it night and day, or shall we devote more *means* to the work?

Should this be demanded of us, we must say we *cannot do it*, for our work has had of us all there was of mind, body and estate for the last *fifteen years*, and those who know us best, know this to be true, therefore all we can say, and all we need say now is, we will do all we can to retain among our Patrons and Friends, those who have worked with us, many of them, during these many, many years.

While we review these years that are gone, there are memories that come to us both pleasant and sad. It is pleasant, and a source of sincere gratification to know so many whom we knew when our enterprize was started, "still live', and still walk in the pleasant paths of life and prosperity, and sadness arises when we recall many who were, but are not.

FIFTEEN YEARS makes wonderful changes in all the relations and circumstances of life and business, and when we look back and recall the days when we launched our little barque "THE CALIFORNIA FARMER," we hardly dared hope for it the long life it has lived, yet thanks to that Supreme Being who has given us life, and strength to labor on, amid many trials and difficulties, we have triumphed and enter upon our SIXTEENTH YEAR with cheerful hopes of walking many years still with our kind Patrons and Friends, to whom we tender our most sincere gratitude for their many acts of kindness and attention to us these many years, from those who have proved themselves *real* friends.

"Friends my soul with joy remembers!
How like quivering flames they start,
When I fan the living embers,
On the hearth-stone of my heart."

We, therefore, can only repeat our determination to make the CALIFORNIA FARMER still the Herald of that great cause which has now made itself felt in all the vital interests which make our State now so very prosperous.

We ask of all our kind friends their continued, cooperation with us, and their generous support of our Journal for which they shall have our warmest gratitude. We also say to the *Brethren of the Press* from whom we have often had a kindly word, we tender them our thanks for the kindly past, and wish them one and all, a full share of prosperity, in their several spheres of labor, ever wishing prosperity to all.

THE AGE OF POWER.

This may indeed be called "The Age of Power," for when we recall the rapid and widely extending territory of these United States, and the new fields of enterprize opening up from the wide and distant portions of China and Japan, brought near to us by Lines of Steamers, and connecting with the Great Pacific Rail Road that sweeps up and over the Sierra Nevada mountains as easily as a chalk plays upon our hill-sides. When these links of Commerce are thus rapidly uniting and bringing all distant places to our very doors, and when we see almost all kinds of labor changed from human toil to that of machinery, and each kind of labor more perfect, then we can truly say that this is the "Age of Power."

The near approach of the completion of the Great Rail-way that shall unite the Atlantic and the Pacific shores, by bands of iron, will be an event the like of which the world never dreamed of before, and an event which will mark an era in, not only the history of the United States, but of the World, changing the business relations of nations, and opening up new scenes and new enterprizes not yet dreamed of by man.

Whatever great event may transpire, or however great may be the credit that may be given to all other circumstances or parties that hasten on these events, one thing is certain, that to CALIFORNIA belongs the honor of hastening on the most auspicious day now near at hand, and to the wonderful energy and spirit which has been displayed by the President and Directors of the Central Pacific Rail Road, there is certainly due them a high meed of praise, for the stimulus which their labors have given to all other similar enterprizes connected with this great route, and other enterprizes to develope our State. The road is now over 500 miles completed, and will soon be at Salt Lake, and in all probability, the Grand Event: the joining of hands of *the Atlantic and Pacific* will take place early in May next.

What an event! This triumph will be indeed proof that this is the AGE OF POWER.

EXTRA COPIES.

We shall send out a large number of extra copies to those who are not yet enrolled upon our "Farmer List," hoping they may kindly favor us with their names as subscribers, believing they will *receive* more than they give, for we cannot but believe that every cultivator of the earth, and every raiser of stock, will always find sufficient to repay them many times the cost of this Journal.—Our Free Contributions of Seeds annually to our Patrons will more than pay the cost.

IMMENSE CULTIVATION.

From what we see and know from our own personal observation while traveling, and from the information we are receiving daily from our correspondents in every part of the State, as well as from other sections of this coast, the amount of lands put under cultivation this year will not only be immense and without a precedent, but beyond the conception of those who claim to be generally well posted.

The great success of the grain cultivation the past year, the large, general average crops over the entire State, the high price of our grain in Eastern and foreign markets, always ranking higher than other grains, and the same estimation being placed upon our Flour—these considerations have induced many thousands of persons not previously engaged in cultivation, to enter into farming on a large scale, as a mere matter of speculation, and for this purpose they have taken up thousands and tens of thousands of acres of land never yet before touched by the plow in every section of our State, while our farmers who have already been long engaged in grain growing, satisfied with the result of last year, are themselves stimulated to still greater efforts. They are enlarging their borders; they are either buying more land with their last years profits, or leasing large tracts, and thus the combined efforts of these permanent farmers, and speculating farmers, we can add a very large number of new comers who have selected lands specially adapted for grain growing, and these lands are now to a very great extent, plowed and planted, even beyond calculation; and go where we will, in any and every direction, valley, hill-side, and mountain even, the plow has been or is at work now turning up the soil to be kissed by the sunlight ere the seed shall be dropped into its warm bosom, there to be nourished and brought to perfection.

No careful observer can travel over this State without being satisfied that this is true. Hill-sides and hill tops to the very summit are being brought under the dominion of that *Sword of the Earth*, that divides limb from limb, and particle from particle, and prepares it for that "Baptismal Font" which shall fulfill its destiny; for the commandment which went from God to man in early creation, is to be fulfilled now upon millions of acres on this coast never before touched by man.

"Thou shalt till the earth, and subdue it."

HARVESTING MACHINERY.

We invite the special attention of our "Grain Raisers" to the new *advertisement* of Harvesting Implements which appears in our present issue.

MESS. TREADWELL & Co., the oldest and longest established on the Pacific Shore, showed by their *Illustrated* advertisement; their famed machine and their Card tells of its peculiar merits. It appears this week in two styles, one upon the *front page* and one in their Card inside. In addition to this machine this extensive establishment have a stock of Agricultural Implements, both in quantity and quality that are not surpassed by any house in the United States, as a visit to their Warehouse in this city, and at Sacramento and Marysville will fully prove.

MESS. WEBSTER BRO'S, STOCKTON.—This firm as will be seen by their large advertisement in our columns give full proof that they are prepared to meet the wants of the grain growers and farmers in the Great Valley above us. Mess. W. & Bro's. have an immense stock of the most superior implements, many of them their own invention by *Patent Right*, and they by their great energy and enterprize have have built up and prepared for themselves a vast business of an enduring character. Their Card in our columns speaks for them, and an immense business shows them fully prepared.

MESS. M. C. HAWLEY & Co., San Francisco, announce the present week their opening business for the harvest season, and tell their patrons they too are prepared for the GREAT HARVEST OF 1869.

Mess. M. C. Hawley & Co. are the successors of W. N. Hawley & Co., and now located at their new and spacious Warehouse on Front Street, three stories high, are opening a stock of Harvesting Implements which they claim they can show to their patrons with much satisfaction and pride, and they give in their present new advertisement an illustration of their *Pet Implement* the "*Buckeye*," to which they call the special attention of their patrons and friends over the State.

We think our grain harvesters will find implements this season that among these three popular Houses must not only suit them, but give entire satisfaction to every purchaser.

THE PLOWMAN.

Never has a country, new or old, seen such activity among the plowmen, nor even such furrows turned up to the sun as has been seen in California within the last few weeks. What would the farmers of the East say to see the furrows of our grain planters one, two, and three miles long "straight" as an arrow, and to see ten, twenty, forty, or one hundred sets of plows in our own grand vallies all at work at the same time, some single owners having forty "Gang Plows," two, four, or six plows each at work. Let our Eastern farmers come here and we will show them such plowing scenes as they never *dreamed* of before.—Where our farmers are preparing the soil, for the seed, on farms of 300, and 500 acres each, or 2000 to 10,000 acres, this is what we call *plowing*.

THE AUZERAIS HOUSE, SAN JOSE.—We call special attention to the card of the Proprietor of this very popular Hotel. It will be seen that a new feature is to be added for the comfort of Travelers. No Hotel in this State is more complete or better kept than the Auzerais Hotel of San Jose.

THE WEATHER.—The present warm and delicious weather is what may be called a "weather-breeder;" for all who have observed the winter season of California will remember that when we have such a series of warm and genial days in the wintry months, it is always followed by rain; so look out for a good storm within a few days.

BIRTH DAYS.

These are *Periods of time* which mark the important epoch in individual or national life—periods that should in almost all cases be kept in perpetual memory, like the birth of our nation, the 4th of July. Since our last issue some notable public days have occurred—the 8th of January, the battle of New Orleans, yet it was hardly remembered, yet it had an important bearing on this country, and was a *birth-day* to new impulses and crowning victories.

JAN. 11th—the birth-day of John Quincy Adams, a President of the United States, whose life was marked by great deeds and great consequences flowed from them.

JAN. 17th—the birth-day of Benjamin Franklin, another truly great man whose life and deeds, whose words and saying are scattered through the history of our land, doing great good to all.

Linked with the memery of this day comes to us the sad remembrance of a Dear Boy—our *first-born*—whose birth-day was the same, the 17th and who bore the Name of this great man; and although the loved one perished beneath the ice long years since, the day never comes to us that we do not see his cold lifeless form as we saw it taken from the river, clad in his skates and smiling beautifully even in the cold embrace of death.

At such recollections a Father can be permitted to speak of the loved whose whole life was one of the most devoted Obedience and Affection to parents and kindred, and whose life for fourteen years was without a blemish. The Memory of such a child though hard to loose, will ever be recalled with affection, and tears will drop upon the shrine of those who, like him, were pure and good.

WASHINGTON ON AGRICULTURE.

We think we could present no better "New Year's" offering to our readers in this the opening number of our New Volume, and the commencing of a New Year, s labor, than to lay before them the words of the "*Immortal Washington*," written in the early days of our country's history, and the earliest voice that was uttered in behalf of the *Cause of Agriculture*. These letters now published, that of Washington, and that of the distinguished Sir John Sinclair will show the condition of the United States near *three-quarters* of a century ago, and will show such a contrast with its present extended territory and its wonderfully increased prosperity as to make these letters of still greater interest. This valuable letter of Washington's bears the proof of his devotion to his country in every sentence, and will serve as a lesson to the youth of our land to study his exalted character.

The cultivator of the soil should treasure this letter and preserve it, read and re-read that it may teach him to *love a calling* that was the choice of *Washington*—an occupation that *he* esteemed the most interesting and important that could be followed by man.

We can only publish half of Washington's reply in this number, but shall continue it in our next with more valuable matter from Washington's Letters.

THE LOVED ONES OF HOME.

We call special attention to the new advertisement of the "Photoscopic Table Company" which appears in our present number, announcing the opening of their *Exhibition Rooms* on Kearny street. It will be remembered that the Tables were exhibited at the late "Machanics Fair" in the "Upper Gallery," and attracted much attention—crowds filling the rooms every day and evening. This invention we esteem one of the most valuable and complete yet conceived for the purpose of gathering all "The Loved Ones of Home" in a *life-like group*, and giving to them the appearance of actual life. Nothing has ever before been invented that ever approached it. Family groups of five, ten, or twenty, and "Troops of Friends" can be made to meet, that seem a living reality. We earnestly invite all to visit the rooms who desire to witness a beautiful invention. Mr. Mills the artist is always at the rooms to explain this wonderful invention.

WHITE PINE FEVER.

That there is an epidemic more sweeping and more universal than the SMALL POX, there can be no doubt. Let the careful citizen hear the conversation and see the preparation for this *Sterile Region* and any one can see the People are *White Pine mad*.

When in San Jose, lately, we took up the San Jose *Mercury* and there read what the Editor said. He advised all not to be in a hurry, it was an inclement place, and bade them wait till spring.—This was good advice, so we thought we would call in and chat with this good counselling Editor, so we called and inquired for the Editor, learned with astonishment that *he* had gone to *White Pine* Surely, thought we, it is easier to Preach than to Practice, and we turned away to muse on "human frailty."

THE NEW CALIFORNIA THEATRE.—This splendid Temple of the Drama was opened to the public on the 18th, when one of the largest audiences ever yet in our theatres greeted the Dramatic Debut. Mess. Barrett & McCullough have done themselves great credit and honor in the completion of such a theatre—perfect and beautiful in all its parts, and to be as they announce personally, a Theatre of a high order, where nothing shall mar the sensibilities of the educated and refined.

The opening night was crowned with complete success—the Treasury counting near $2,500 for the proprietors. We always rejoice at well-doing, and shall speak hereafter from a closer observation.

MADAME JAFFA'S CONCERT.—The Concert which this eminent artist had announced for the 18th, was postponed on account of *other artists* and their engagements, very much to the regret of Madame J. and her friends. The Concert however, is announced for the 28th, when it is to be hoped she will be greeted with a very full house, as so deserving an artist ever should be.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No 320 Clay Street.

Books Received. We have the following *new publications* from the Publishing House of Messrs. A. Roman & Co.

Disease of Sheep. This is a new book from Henry Clok, a professional Veterinary Surgeon, giving a history of the various diseases in Sheep, and remedies for the same. A valuable book for Sheep raisers. The work also has an Essay on 'Cattle epidemics.' At this time this is an important subject as it will be seen there is danger of the cattle disease coming to California by the way of "crossing the plains.

No Baby in the House.—This is a story book for children, by Clara G. Dolliver, and published by A. Roman & Co.—a California book, and one of real interest to young ones, recounting in a pleasant manner how advantageous a "baby in the house" always will be. Many pretty stories in the book.

"Comic Recitations," by Jerome Barton. A series of humorous dialogues, recitations in prose and poetry, with laughable speeches &c.

Amatuer Theatricals.—This book is a sketch of Fairy Tale Drama, being a collection of plays for Drawing Room performances. The book by Miss S, A. Frost, Dick and Fitzgerald Publishers, N. York.

The above are all for sale by A. Roman & Co.

Pacific Coast Almanac. This is the "Year book of Facts" for 1869, just published by Henry G. Langley, Esq., our popular Directory publisher.

Mr. Langley has indeed made a most interesting and valuable publication. This work, containing as it does all that important series of information in relation to our National, State, and City Governments, and the Institutions under these Governments of which the reader would desire information as important in all departments of business. Mr. Langley deserves great credit for placing so much valuable information in so small a book.

Air Treatment of Wine. We have received a pamphlet on this subject from R. d'Heureuse, Esq., being a patent way of curing Wine by "Air Treatment," in fermentation, germentation, and curing of organic substances.

Mr. d'Heureuse claims for his discovery an entire new principle by which Wines can be purified in a very brief time. It has been highly spoken of, and approved by several Wine dealers.

Magazines Received. The California Medical Gazette for January, has been sent us. This publication continues to improve, giving new and valuable information upon medical matters near home.

The present number contains Essays upon the "Miasmatic Diseases of California" and upon the Small Pox and other important subjects.

The Carolina Farmer, a monthly magazine published at Wilmington, North Carolina, by W. H. Bernard Esq., Editor and Proprietor. We hail this magazine with a peculiar interest and feeling, as it recalls from the chambers of memory, scenes of years long ago which were of thrilling interest to us.

We were a resident of Wilmington long years ago, when a large portion of that place lay a heap of smouldering ruins from a devastating fire. We had escaped death by the sea upon the fearful shoals of Cape Hatteras, only to pass the danger of the yellow fever at Wilmington. Yet we were spared, and these scenes, trials and exposure, were again recalled fresh to our memory as we opened the Carolina Farmer.

We shall always welcome it and speak of it in full hereafter, perhaps with some incidents of those early days.

Beautiful Flowers We have received the beautifully *illustrated* catalogue and Floral guide of James Vick, Esq., the well known and popular Florist of Rochester, New York. This is a handsome volume of about 100 pages, giving full lists of choice flower seeds and directions for the planting of all kinds of flower seeds, roots, etc., and each leading flower is finely pictured in the book. Mr. Vick says in an introductory: "I seek to scatter choice flowers all over our country, *to add beauty to the beautiful.*" A noble desire and Mr. Vick has done this many long years.

We presented one of these little souvenirs to a Lady well skilled in Floriculture, and this Lady said it was one of the most valuable floral guides she had ever seen—"a Gem of a book."

We are pleased to call particular attention to so valuable a volume as it reflects great credit upon Mr. Vick, who as a Printer, Publisher, and Editor, and as a most successful Florist, has done honor to each and every department over which he has presided for more than twenty-five years.

Apples and Pears. We are indebted to B. S. Fox Esq., for a box of Pears and Apples of superior kinds, from his Nursery. We received them in admirable order as they came from his "Fruit House," finely preserved in all their freshness.

California Brandy, N. Carriger Esq., sent us a handsome sample, a liberal sized Demijohn of Brandy made by him. We are confident from the opinion expressed by competent judges, that this Brandy is far superior to a large portion of the Liquors imported from Europe, this being made from the new Wine in its purest state without drugs or doctoring of any kind.

California Champagne. We have received from I. Landsberger Esq., Wine Merchant on Jackson St., samples of his Champagne Wine made the present week, and in its new and fresh condition. Yet this Wine from its excellence in style and pureness of preparation is vastly superior to the great majority of imported Champagne, and especially to some California Champagne which is very deleterious. The Champagne Wine of this house bears a high reputation and is deserving of the "Gold Medal", which it deservedly won at the late State Fair.

Agricultural Implements. New Advertisements.

To the Farmers of California:

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurace we have of a Successful Planting Season, by reason of abundant rains, we know that the acreage will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or 'Haine's Gearing,' or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so con structed that after the Harvest Season is over they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRASHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid, Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Thrashing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

THE KIRBY LARGE MOWER.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

THIS MACHINE HAS NO EQUAL IN DIFFICULT CUTTING.

It has an INDEPENDENT ACTION by Means of a Joint in the Frame, instead of the Moving Bar, so that the Knife is always Kept in Line with the Gearing.

It is Easy Draft for Two Horses, and can Cut Heavier LODGED GRAIN without Clogging than any other Machine on the Pacific Coast.

This Machine is the same as the Combined in every particular, only the Reaping Attachment is left off, and parties buying it can afterwards buy the whole or any part of the Reaping Apparatus from the Common Reel to the Self-Rake.

This large KIRBY MOWER is the only mower that has an independent action, and can use a reel when mowing, especially in windy weather. It can be bought as a Mower, with or without a reel.

In soft, sandy, sediment land, the lifter-wheel, on account of the narrowness of its rim, will sink in quite deeply. In this case a WIDE BAND should be provided and slipped on it, which will prevent the difficulty. The wheel as it is, will run very well on hard ground. These bands with all the Extra parts, will be kept Constantly on Hand, to supply all the calls of purchasers.

As a machine for clipping mustard, or cutting back grain that grows too fast, the Kirby Mower possesses advantages over all other Mowers from the fact that IT CAN CUT AT ANY HEIGHT from the ground, and work equally well and free under all circumstances

When you order EXTRAS for this Machine, always state the NUMBER ON THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose).

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINTS of your guards LOW by means of the forward bolt in the pole where it bolts to the machine. IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL.

Be sure to keep TILL THE NUTS TIGHT and the JOURNALS WELL OILED, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the JOINT TIGHT WHERE THE PITMAN CONNECTS WITH THE KNIFE, and then your machine will work well without trouble or expense.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

GERRISH'S SUBMERGED DOUBLE-ACTING FORCE PUMPS.

Patented by J. A. Morrell, Oct. 29, 1867.

The Cheapest, Simplest, and most Durable Force Pump In the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

MANUFACTURED AND FOR SALE BY

LINFORTH, KELLOGG & RAIL,

IMPORTERS AND JOBBERS OF

Agricultural Implements and Mining Tools,

Nos. 3 and 5 Front street, San Francisco.

[30 3m]

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 1500 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds per Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30-23 King St. San Francisco.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

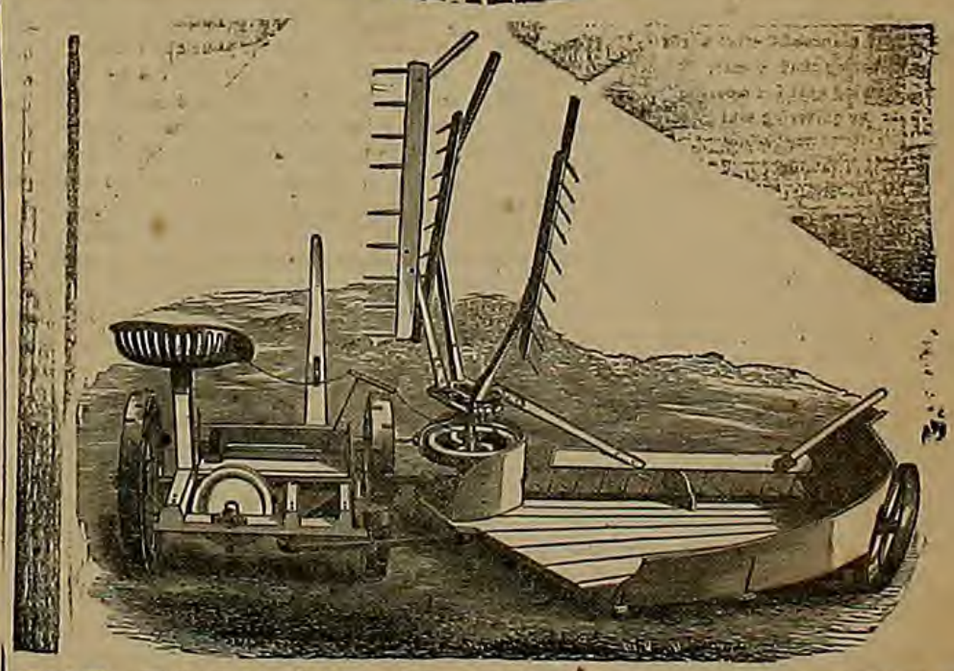
None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

M. C. HAWLEY & CO., 108 FRONT ST., SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK. SAN FRANCISCO. PORTLAND.



THE BUCKEYE IS THE BEST MOWER.

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER.

MARCUS C. HAWLEY & CO.,

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake off grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER.

ALSO, THE GENUINE

HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake,

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS,

And a COMPLETE STOCK of

Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.,

31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Home Miscellany.

WORDS.

BY ANNA SHIPTON.

Oh never say a careless word
Hath not the power to pain,
The shaft may ope some hidden wound
That closes not again.
Weigh well those light winged messengers—
God marks thy heedless word,
And with it too the fallen tear,
The heart-pang that it stirred.

Words! what are words? An idle breath
That floateth lightly by,
Smiles on the lip that utters them
In tones of melody.
Yet have they strength to wound or bless,
Lightly as they are flung;
Still writ upon some human heart,
Told by an angel's tongue.

Words! what are words? A simple word
Hath spell's to call the tears
That long have lain a seal'd fount
Unclosed for many years.
Back from the unseen sepulcre
A word hath summoned forth
A form that had its place no more
Among the things of earth.

Words! heed them well; some whispered ones
Have yet the power to fling
A shadow on the brow, the soul
In agony to wring—
A name forbidden or forgot
That sometimes, unawares,
Murmurs upon our trembling lips,
And mingles in our prayers.

Oh words, sweet words, a blessing comes
Softly from kindly lips,
Tender, endearing tones, that lift
The spirit's dear eclipse.
Oh, are there not some cherished tones
Deep in the heart enshrined?
Uttered but once, they passed and left
A track of light behind.

Words! what are words? Ah! knowest thou not
The household name of love;
A thousand tender memories
That float their graves above;
Long buried by the world's cold tread,
Yet mid the crowd they rise,
And smile as angel's guests would smile,
With gentle, earnest eyes.

Thou hast been blest if words ne'er bent
Thy head in anguish low,
To hide the trembling lip, the tear
That harsh words caused to flow,
Striving in vain to mask the pain
Veiled by thy silent pride,
A faint smile on thy blanched lip,
That strove the pain to hide.

But oh! more blest if memory brings
No record of the past,
Where angry glance and cruel words
Their withering shadow cast;
Where glistening eyes fell mournfully,
When on the quivering soul
Those bitter words went echoing,
Like the loud thunders roll.

By God's eternal dwelling place,
Those words went floating by;
And still the echo wanders on
Throughout eternity;
And whispering yet within thy heart
The "still small voice" is heard,
And thou shalt cry, "O, God, forgive
My heedless, bitter word!"

THE WIFE.

Once let a woman be sure she is precious to her husband—not useful, nor valuable, not convenient simply, but lovely and beloved—let her be the recipient of his polite and hearty attention; let her feel that her care and love are noticed, appreciated and returned; let her opinion be asked, her approval sought, her judgment respected in matters with which she is cognizant; in short, let her only be loved, honored and cherished in fulfillment of the marriage vow, and she will be to her husband, children, and society a well-spring of pleasure. She will bear pain, and toil, and anxiety, for her husband's love is to her a tower and fortress. Shielded and sheltered therein, adversity will have lost its sting. She may suffer, but sympathy will dull the edge of sorrow. A house with love in it—and by love I mean love expressed in words, and looks, and deeds—(for I have not one spark of faith in love that never crops out,) is to a house without love, as a person to a machine; one is life, the other is mechanism. The unloved woman may have bread just as light, a house just as tidy as the other, but the latter has a spring of beauty about her, a joyousness, an aggressive, penetrating, and pervading brightness, to which the former is a stranger. The deep happiness in her heart shines out in her face.—She gleams over it. She is full of devices and plots, and sweet surprises for her husband and family. She has never done with the romance and poetry of life. She, herself, is a lyric poem, setting herself to all pure and gracious melodies. Humble household ways and duties have for her a golden significance. The prize make her calling high, and the end sanctifies the means. "Love is heaven, and heaven is love."—*Henry Ward Beecher.*

"There is a ruling passion in every mind; and when every other consideration has lost its power, this ruling passion retains its influence."

BABY LIFE.

[We take the following sketch of "Baby Life," by Mrs. Katie J. Jackson, from the "Laws of Life," as care is required for the little seedling plant, that it may become a fruitful tree, so care is required for the little immortal seedling, and Mrs. Jackson's sketch is truly a valuable guide to that end. Ed. F.]

I found the subject of babies is an inexhaustible, as well as a delightful one. Many topics have been suggested to me by letters of inquiry concerning different phases of baby life, and many more topics have presented themselves to me because of a sweet baby presence in our own household. Foremost among them is

QUIETNESS.

Dear mothers, let the baby-life of your children be peaceful and *quiet*. I know full well the many "disturbers of the peace" who stand at the nursery door ready for action—good souls they are too, who with the kindest hearts in the world are intent on mischief.

Brother Jack happens along and must coax a laugh out of the sleepy baby by a series of pokes under the ribs. Uncle Ned must have his turn at him, and send him tossing up in the air. Kate must go into ecstacies over him, and end by trotting him "off to Boston." Numerous aunts, uncles and cousins have their claims on him, and must all "take the baby" and twist him, and poke and pinch and caress him. Then comes the neighbors—good, worthy neighbors too, who must prove their friendship for you by handling your baby, and praising him, and kissing him, and chuckling his dimpled chin. Next are the neighbors' children—nice little boys and girls—who come and plead to "see the baby," and who view him with childish interest, from the little smooth white head and blue eyes to the pink toe tips, measuring his littleness with wonder in their eyes. And then follows the irresistable temptation to touch him; to pat his cheek, and to tickle the bottoms of his rosy feet "just a little bit." And so the infant life spins on, full of small excitements and disturbances which keep his nervous system in constant strain and action, so that when a new visitor comes in to see him, and frolic with him, he is ready at first sight to spring and jump and flutter, like a little dancing-jack. If babies could only be labeled, as are choice articles at fairs, with "hands off," what a deal of crying and sickness and soothing syrups would be saved.

I know it is rather hard for mothers to run the risk of seeming rude and uncourteous by denying their visitors access to the baby, and liberty to play with and excite him, but it is far better to summon courage to say no to your friends (giving them of course your reasons) than to allow them to trespass upon the needed quiet of your baby's life. Yet if you feel that he must be exhibited to visitors occasionally, by all means let the exhibition take place in the *forenoon* when he is fresh and vigorous from a night's sleep, and can better afford to edify company by laughing and crowing. Then after dinner shut down the nursery gates and bar them closely, that no outside influence may steal in to "molest or make him afraid." Let the sunshine and fresh air be his afternoon guests. Let him lie on a bed, or on a corfortable spread upon the carpet, and gaze about him on pictures, on sunlight and shadow, and let him yawn and dream and coo to himself and doze and *grow bodily*; or, if possible, dress him warmly and take him out for a ride in the open air. You need not fear that such treatment will make your child stupid. As the years go on he will show all the greater power and capacity both of body and intellect if you do not give him over to dissipation in the way of nervous excitements while in his infancy. Our busy, bustling, hurrying, intense American life develops the smartness and brilliancy and nervousness of a human being quite fast enough, even if that human being has not been subjected to a forcing process while in the cradle.

It is a sad but very evident fact that the children of American parents are a very fragile and sensitive class. With large and unnaturally active brains, and weak delicate bodies—often the seat of inherited disease—their chance for health is small at best. Could they have the placid temperament and vigorous constitution with which most of the German and Irish babies in our country are favored, they could much better bear the constant handling, and the many little dissipations and excitements to which their infancy is subjected.

I think the members of a household are apt to be a little selfish in their treatment of the household baby. He is such a dear little plaything.—He makes such delightful amusement for you, you almost grow into the belief that baby came into this world for the entertainment of the family.—Their innocent eyes, and soft cheeks, and sweet lips, and winning ways are well nigh irresistable, and I own that it requires great self-denial to keep hands off from the little ones whenever one comes into their presence. Yet amid all the temptations let us keep in mind the serious fact that babies have their needs and rights, and—dear mothers and fathers and sisters and brothers—let the spirit of peace and quietness brood over them.

The man who considers that the home duties of a woman are inferior to the political work of a man, must be either a bachelor or blind. The very highest qualities of the heart and intellect may be exercised by a mother, a sister, or an elder daughter, in watching over the physical, mental, and moral growth of the children in her care.—Heroic patience, a vigilance that never tires, an adaptation of means to the end, a careful study of individual traits, a keen psychological insight, may all find ample room for exercise within the four walls of even an humble home.

Write your name by kindness, love, and mercy on the hearts of the thousands you come in contact with, and you will never be forgotten. Your name, your deeds, will be as legible on the hearts you leave behind as the stars on the brow of evening.

GREAT TRUTHS.

By Channing.

One great and most difficult [illegible]al being beings, is, to derive constant aid from society without taking its yoke; to open our minds to the thoughts, reasonings, and persuasions of others, and yet to hold fast the sacred right of private judgment; to receive impulses from our fellow-beings, and yet to act from our own souls; to sympathize with others, and yet determine our feelings; to act with others, and yet to follow our own consciences; to unite social deference and self-dominion; to join moral self-subsistence with social dependence; to respect others without losing self respect; to love our friends and reverence our superiors, whilst our supreme homage is given to that moral perfection which no friend and no superior has realized, and which, if faithfully pursued, will often demand separation from all around us. Such is our great work as social beings, and, to perform it, we should look habitually to Jesus Christ, who was distinguished by nothing more than by moral independence, than by resisting and overcoming the world.

The grandeur of man's nature turns to insignificance all outward distinctions. His powers of intellect, of conscience, of love, of knowing God, of perceiving the beautiful, of acting on his own mind, on outward nature, and on his fellow-creatures,—these are glorious prerogatives. Through the vulgar error of undervaluing what is common, we are apt, indeed, to pass these by as of little worth. But as in the outward creation, so in the soul, the common is the most precious. Science and art may invent splendid modes of illuminating the apartments of the opulent; but these are all poor and worthless, compared with the common light which the sun sends into all our windows, which he pours freely, impartially over hill and valley, which kindles daily the eastern and western sky; and so the common lights of reason, and conscience, and love, are of more worth and dignity than the rare endowments which give celebrity to a few.

It is strange that laboring men do not think more of the vast usefulness of their toils, and take a benevolent pleasure in them on this account.—One would think that a carpenter or mason, on passing a house which he had reared, would say to himself, "This work of mine is giving comfort and enjoyment every day and every hour to a family, and will continue to be a kindly shelter, a domestic gathering-place, an abode of affection, for a century or more after I sleep in the dust;" and ought not a generous satisfaction to spring up at the thought?

Men's reasonings on practical subjects are not cold, logical processes, standing seperate in the mind, but are carried on in intimate connection with their prevalent feelings and modes of thought. Generally speaking, that, and that only, is truth to a man which accords with the common tone of his mind, with the mass of his impressions, with the results of his experience, with his measure of intellectual development, and especially with those deep convictions and biases which constitute what we call character.

Social order is better preserved by liberty than by restraint. A community which should open a great variety of spheres to its members, so that all might find free scope for their powers, would need little array of force for restraint. Liberty would prove the best peace-officer. The social order of New England, without a soldier, and almost without a police, bears loud witness to its truth.

The individual is not made for the state, so much as the state for the individual. A man is not created for political relations as his highest end, but for indefinite spiritual progress, and is placed in political relations as the means of his progress. The human soul is greater, more sacred, than the state, and must never be sacrificed to it.

One of the great evils of society is, that men occupied perpetually with petty details, want general truths, want broad and fixed principles.—Hence many not wicked, are unstable, habitually inconsistent, as if they were overgrown children, rather than men.

We hear much at present of efforts to spread the gospel. But Christianity is gaining more by the removal of degrading errors, than it would by armies of missionaries who should carry with them a corrupted form of the religion.

Diseases Produced by Vaccination.—An Impression prevails that much injury is liable to result from the use of vaccine virus taken from unhealthy subjects, and that such virus is in common use among medical men. This impression, by deterring persons from being vaccinated, has occasioned many deaths from small-pox during the present epidemic. The diseases mostly dreaded as propagated by vaccination are syphilis, scrofula and cancer. That scrofula and cancer can *not* be produced in this way, is the belief of physicians every where, almost without individual exceptions. That syphilis *may* be propagated, many authors admit, whilst they limit the possibility to the first stage. But it is so easy to avoid such virus that a physician must be either a blockhead or a knave to employ it. We say nothing of nurses, grannies, cooks, hostlers, and other respectable experts, who give and receive intense satisfaction by poisoning people's arms with any thing they can pick up under the name of vaccine. Vaccination has suffered much discredit from this source; not so much that persons have been injured by their operations, but because a sore arm so produced has been regarded as a protection against small-pox, when it had no more effect than a common boil. We believe that our citizens may trust themselves in all confidence to the hands of any respectable physican in the matter of vaccination.

Second Attacks of Small-Pox.—It is no new thing for variola to attack persons a second time. Jenner refers to seventeen such cases among the nobility of England, more than half a century since. Upwards of two hundred such cases were reported in London in 1851. In Wirtemburg 143 cases were recorded, of which 28 died. The proportion after inoculation is still larger. One instance is on record of five children having been inoculated with small-pox, successfully, four of whom subsequently contracted the disease, which was fatal to one of the number. An English surgeon is mentioned as having always an attack of small-pox after attending a patient with the disease.—*Medical and Surgical Journal.*

GOD IS LOVE.

"To me this is the profoundest of all truths, that the whole of the life of God is the sacrifice of self. God is Love; love is sacrifice—to give rather than to receive—the blessedness of self-giving. If the life of God were not such, it would be a falsehood to say that God is Love; for, even in our human nature, that which seeks to enjoy all, instead of giving all, is known by a very different name from that of love."

A Great man's intellect is like glass—it admits light as well as reflects it.

The real man is one who always finds excuses for others, but never excuses himself.

Talents are nurtured best in solitude, but character, in life's tempestuous sea.—*Goethe.*

The way to gain a good reputation is to endeavor to be what you desire to appear.—*Socrates.*

Every man is a volume, if you know how to read him.

Great effort from great motives is the best definition of a happy life.

We saw the other day at Thurlo's picture store a parchment dating back to A. D. 1268, just six hundred years ago. It was the coat of arms and family record of the Chutes. It contained every name, in the direct line, from Lord Taunton, the founder of the family, to the present day, embracing twenty-four generations, and gave a history of the origin of the arms, and the titles, offices, and the civil and military services of the different members of the family, together with a representation of the arms of twenty other families with whom they intermarried. Among the public men were Rob. Chute, Baron of the Exchequer in the reign of Henry VI., Edward, High Sheriff under Elizabeth, and Chattower, Speaker of Cromwell's Parliament.—*Newburyport Herald.*

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868.

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

34-3 REV. A. VARSI, S. J. President.

THE CHURCH UNION.

This paper has been recently enlarged to mammoth proportions. *It is the Largest Religious Paper in the World.* Is the leading organ of the Union Movement, and opposes ritualism, close communion, exclusiveness and church caste. It is the only paper that publishes Henry Ward Beecher's Sermons which it does every week, just as they are delivered,—without qualification or correction by him. It advocates universal suffrage; a union of Christians at the polls; and the rights of labor. It has the best agricultural department of any paper in the world; publishes stories for the family, and for the destruction of social evils. Its editorial management is impersonal; its writers and editors are from every branch of the church, and from every grade of society. It has been aptly termed the freest organ of thought in the world.

Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

The agency for the *Church Union* is the *California Farmer* Office, San Francisco, where subscriptions will be taken and copies furnished.

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Miscellany.

AN AGRICULTURAL ADDRESS

Delivered before the Minnesota State Agricultural Society, at the State Fair at Minneapolis, September 30, 1868.

[We take pleasure in giving a portion of the most admirable address of Col. D A. Robertson, and regret we could not give the address entire.—There are many features in this address of a thoroughly practical bearing, which all Farmers should regard, and we trust it will be duly estimated.—We give the closing portion of the address, as the first part relates to that region of country only.—Ed. F.]

THE PREJUDICE AGAINST SCIENCE IN AGRICULTURE PASSING AWAY.

The old prejudice among farmers against scientific instruction and book knowledge applied to their labors is happily passing away. But in consequence of the scientific quackery of some, and the careless or incompetent editing of many agricultural periodicals by others, and the lack of discriminating ability among many farmers, more than from any other cause, the prejudice against scientific agriculture and book farming still survives to some extent. There are, however, beyond all question, books of priceless value on the practice of agriculture, written not by professional book makers—beware of these—but by successful, practical farmers For example, those of Stephens, Buel, Mechi, and others, and also Thaer Leibig and Johnson, the fathers of scientific agriculture. No farmer could make a better investment of money than in the purchase of the works of these authors, if he would only consult and study them, for which he has abundant time during our winter months. As Mr Mechi says, the want of scientific instruction has been the great cause of inadequate improvement in farming, compared with other useful pursuits.

It is cheering to observe how rapidly the prejudice against science in farming is passing away, and how encouragingly the desire for increased knowledge and associative effort is growing up in the rural mind. As the fogs of the valley are dissipated before the first rays of the sun, so does this prejudice vanish before the rising popular intelligence of the age in which we live.

It is true that the men of science only, would go hungry if the practical farmer did not raise food for them to eat, and that all the books in the world without actual practice, equal to an apprenticeship in the working part of the business, could never make a successful farmer of any man, no matter how learned. Muscle and mind, science and art, must be conjoined, or in partnership, to produce the most profitable results.

WHAT SCIENTIFIC MEN HAVE DONE FOR FARMERS.

And it is true that nearly all the improvements that have been made in methods of agriculture, and in its labor saving implements and machines, have been the product of the thought, study and experiments of scientific men, few of whom had ever learned even so much as to sow, plow or reap.

From the sickle to the cradle and then to the reaper, from the foot of the muzzled ox to the flail, and next to the thrashing machine; from dependence upon the fitful winds for cleaning grain, to the fanning mill; from the crooked stick to the wooden mould board, and then to the iron plow; from the wooden to the iron spade; were each and all immense strides in agricultural improvement; yet, it is no more true than strange that each of these improvements was accepted by farmers with reluctance, and not introduced into general use without great persuasion and difficulty.

In American farming capital and labor are more generally united in the same person than in any other department of productive industry, and it is this fact more than any other which secures self respect, true dignity, virtue and independence in the labors of our husbandry, and makes a knowledge of positive science so important to our farmers. The term positive science is understood to mean simply a knowledge of the laws of nature, which, in the physical world around them, farmers have a constant opportunity to observe, study and learn. Such learning, in the school of nature is the best of educations. It is the learning which trains the senses and the mind to habits of observation and logical deduction. The discovery of one law of nature leads to that of another, and becomes a clue which, once laid hold of, makes the way through the otherwise incomprehensible labyrinths of human knowledge easy and pleasant. Science, instead of mystifying, simplifies and explains. From the teachings of science the farmer, for example, first learned that the improvement of heavy clay lands requires draining and an admixture of sand; and that sandy lands require lime or an admixture of ordinary clay or marl; that grass lands are doubled in productive value by the application of plaster (gypsum).

The globe we inhabit is one grand laboratory. Within and upon its surface there is constant chemical action. The earthquake and volcano reveal the existence of forces awfully sublime, working within; while upon the surface is displayed to the eye of science, a great variety of chemical combinations, in the soils we cultivate, which analysis shows is composed of disintegrated rocks and decayed vegetable and animal matter, which receive from the rays of the sun, and from the atmosphere, from the vapors and gases it absorbs, the vital cause of germination and growth of seeds and plants.

The peculiar vegetation and natural rotation of trees and plants in the wild forests and fields; and the effects of chemical action upon the soil, the constituent elements of which only the science of chemistry satisfactorily explains, make some knowledge of this science of great value to the practical farmer, enabling him to determine in advance the proper adaptation of crops to soils, and the means, mechanical and chemical, whereby defects in his soils may be more easily and cheaply remedied. He thus learns that the earth is an organic thing, subject to derangement and disease, and that it sometimes needs medication. Every green house propagator understands this. The stomach of your land may become sour, and then, like your own stomach in the same condition, may need, for immediate relief, the application of an alkali, as lime for example; perhaps also a cathartic in the shape of drainage, to carry off the accumulated and stagnant fluids. We get this kind of information from books on agricultural chemistry, which any school boy can understand. Is not such science worth knowing?

A CHEMICAL ANECDOTE.

There is an anecdote in point related of an old farmer. He was a husbandman of the old school, and he had grown rich, not by the help of study and "new fangled" science, which was all Greek to him, and, apparently, as useless, but by dint of constant hard work, and begrudging, penurious economy. He had a son that so bankered after learning that the old man thought the only chance to put him in the way of making a living, was to send him to college to receive an education that would qualify him to become a doctor, lawyer or preacher, the only professions which the old gentleman supposed required an education above reading, writing and cyphering. The young novitiate for professional honors, when on a visit home during college vacation, happened to hear his father remark that a certain part of his farm did not pay for cultivation. "Lime it, father," said the college boy. "Lime it!" exclaimed the old farmer, impatiently. "Yes, father," responded the son, "that is just what it needs." "Well, well," rejoined the irate father, "this is coming to a pretty pass. You, who have not done a stroke of work on the farm for three years, to come here and attempt to teach me how to farm. That's the respect I get for all it has cost me to keep you in college." The boy begged pardon for the offense, but by tact and persuasion at last induced the old man to try the experiment of liming his sour land. The argument of large crops which followed the experiment convinced the old gentleman that science would pay. He was ever after ready to profit by the acquirements of his educated son.

WHEN THEY WANT TO LEARN.

So it is with others. When convinced of the value of science in farming, they are ready and anxious to learn. In this way, one intelligent, practical farmer is enabled to become the educator of his whole neighborhood.

The extent of improvement already made by science in the productiveness and profits of farming, where science is applied with intelligence, is amazing. It has doubled, more than quadrupled, the value of land. It has raised the production of wheat in England from nine bushels, the old maximum, to fifty bushels per acre.

In no other pursuit does proficiency demand the aid of so many sciences as agriculture. The principles of chemistry, botany, geology, entomology, animal physiology, mechanics and hydraulics, are employed by the husbandman in his daily labors, either ignorantly or intelligently, so that a knowledge of their elements is of actual money value to him. We may have rude farming without science, as we may have common roads, bridges and log cabins, but in every step toward improvement, whether we know it or not, the lamp of science must be our light and guide.

ABOUT KILLING AND SAVING LAND.

Any boor can scratch bountiful crops out of our virgin Minnesota soil, without skill or proper implement; for, like the original gold gulches of California, it contains the fertilizing riches of all preceding time; but greedy crops soon exhaust the best soils, and then greater capital and better methods will be required to make tillage remunerative. But the true policy is to husband our resources from the beginning and to adopt a system that will maintain the original fertility of our farms, which we will find to be our most profitable system of husbandry.

SAVE THE WOMEN.

Husbandmen of Minnesota! Whilst you are constantly on the alert to relieve yourselves from drudgery by the use of improved implements and labor-saving machines, whereby you are enabled to enjoy much leisure time, forget not your duty to the wives and daughters of husbandry, who during the livelong year care for you, and affectionately toil for your comfort.

Be mindful ever of their great need of labor saving implements, and all available conveniences of the household; and of more rest and recreation. Be glad to indulge them in the requirements of womanly taste and refinement; in their love for the beautiful and the good in nature and art; and in their delights of neat, well appointed homesteads, surrounded with grassy lawns, fruits and flowers.

Thus will you preserve their health, cheerfulness and comely attractions, and promote the happiness of the family and your own.

Far better is it to spend money for such enjoyments, than go without them for the purchase of lands not needed for cultivation, the price of which, in part at least, is wrung from the life-blood of the patient, drudging housewife.

Surely our good housewives deserve a better fate. I quote on this subject the following verses, quaint and true, of a fine old English poet:

"Take weapon away, of what force is a man?
Take housewife from husband, what is he than?
As lovers desireth together to dwell,
So husbandry loveth good housewifery well.
Though husbandry seemeth to bring in the gains,
Yet housewifery labors seem equal in pains.
Some respite to husbands the weather may send,
But housewives' affairs have never an end.
As true as thy faith,
Thus housewifery saith.
I serve for a day, for a week, for a year,
For lifetime, forever, while man dwelleth here;
For richer, for poorer, from north to the south,
For honest, for hard-head, for dainty of mouth,
For wed and unwedded, in sickness and health,
For all that well liveth, in good commonwealth,
For city, for country, for court and for cart,
To quiet the head and to comfort the heart."

THE PLEASURES OF FARMING.

Who so fortunate in all that makes life desirable as the independent farmer, of education and thorough acquaintance with husbandry, whose tastes have never been perverted by the seductions of city life. He is surely the best and happiest of men. Gen. Washington, on retiring from the Presidency, in a letter to Sir Arthur Young, says: "The more I am acquainted with agricultural affairs, the better am I pleased with them; insomuch that I can nowhere find so great satisfaction as in their innocent pursuits."

WHY FARMERS SHOULD BE THOROUGHLY ORGANIZED.

With the exception of husbandry, every money making interest in this our age of money, is thoroughly organized, and ever ready for aggressive or defensive action, as the occasion may require, whether in legislative halls, in boards of direction, or in the market place.

Our farmers are the most important working population of the country, and produce three fourths of its productive wealth. Out of their toil and products are directly or indirectly obtained most of the taxes, and yet they are at the mercy of all other interests. A projected measure that would transfer millions from the profits of agriculture into other's hands may be resolved upon by half a dozen wealthy gentlemen of elegant enterprise, seated in a private parlor, or around a board of direction, without exciting any more concern among our farmers than if the subject matter related to China or Japan.

The reason is our farming populations are cut up into isolated fragments, and are beaten in detail, in politics and everything else.

Such facts as have been adduced show the importance and necessity of organized societies of farmers, like the new order, the Patrons of Husbandry, with frequent meetings and wide extended fraternity for collecting and disseminating valuable information, and for mutual instruction and defence. Unlike the rural peasantry of Europe, our farmers own the land they cultivate. They are capitalists, freeholders, citizens and rulers of the state and nation. They are, or ought to be men of thought, reading and useful knowledge, as well as of manual work.

All other interests are armed and constantly on a war footing. Among the powerful nations of Europe, when one arms, all must arm. So it is in all communities. When every interest is cared for, when every interest is prepared for defense, all are cared for. Then there is justice, equity, peace and prosperity for all.

Going to Europe is so common now-a-days that the flourish of trumpets in the newspapers, which heralds the departure of some political or sole-leather grandee, seems absurd. Europe won't know when they reach her shores, nor miss them when they come back.

While the Radicals are giving the negro the ballot, they are giving the poor Indian the bullet. Why will not the ballot elevate the redskin as well as the blackskin?

A COMPLETE TRIUMPH!

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Railroad Lands.

CENTRAL PACIFIC RAILROAD, LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
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Also Grant's Candles, in lots to suit. 30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, January 21.

Grain, &c

Our Grain Market this week shows evident signs that the producers begin to see the mistake they have made in holding on to their that our producers will bear in mind carefully what the various Journals that claim to be the "Friends of the Farmer" have counselled them the past season. We regret most truly that our hard working Farmers should be led astray widely by the counsel of the Sacramento *Union* and the Stockton *Independent*, who have advisthem to "hold for high rates."

Those Journals that have so counselled have cost our Farmers and the State *millions of dollars loss*, and we have now in our Warehouses and with our Farmers, in large amounts and smaller lots, MILLIONS of sacks of grain, which, unless we have a new demand from unexpected quarters, or our Farmers will come down in the rate so it can be sent abroad, even forced upon the eastern or foreign markets, must remain on hand to clog the market at the opening of the season for a new crop.

This Journal has, as our producers well know, counselled them steadily to "sell their grain," and realize the reward for their labor; and we know this counsel to be the only true counsel, and well would it have been if this advice had been more generally heeded. Had the present surplus stock been sent out of the State, we should have added some three to five millions of dollars to the State, a goodly portion of which would have gone directly into the pockets of the producer, who will now carry over his grain to add to the immense stock that will be raised the present year.

We hope this year's lessons will teach wisdom for the future.

The markets for Wheat and Flour are both declining; but little grain going abroad, and so little is the demand for Flour that some of our leading mills have ceased grinding as prices rule very low

Shipping is abundant and freights low, and if our producers would strike bravely and put down the price a little, scores of ships would load with grain and thus relieve the market, although on some of the grain shipped speculators have met with very severe losses of late.

Barley is in demand, and Oats also, at full prices.—Hay brings good prices. Potatoes and Onions are plenty and low.

The Butter Market has had a fall. Cheese steady in price.

Apples and Oranges are the only fruits plenty. A large lot of the former, some 4000 boxes, arriving and selling at low prices.

For general prices of produces ee market rates below.

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 65	@	1 80
Barley, ₱ 100 lbs	2 15	@	2 35
Rye ₱ 100 lbs	3 00	@	3 50
Oats, California, ₱ 100 lbs	2 10	@	2 25
Corn ₱ 100 lbs	1 70	@	1 80
Flour, Superfine, ₱ bbl	4 25	@	5 00
do Extra	5 00	@	5 75
Oregon Superfine	4 25	@	5 00
do Extra for shipping	5 00	@	5 50
Corn Meal, ₱ 100 lbs	3 00	@	3 25
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	22 00	@	25 00
Middlings ₱ ton	30 00	@	35 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	6 00	@	8 00
Potatoes	65	@	85
do sweet	1 50	@	2 00
Onions	2 50	@	2 85
Hay, ₱ ton, extra	18 00	@	20 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	700	@	9 00

Retail Prices in the Fruit Market.

Dull and gloomy is our Fruit Market. With the exception of Pine-apples and Bananas, we have nothing worthy of note. Good Pears are extremely scarce, so also Grapes. Apples in some cases are fine and decent, but of the large, coarse kinds, which are not at all suited for the dessert table. We would strongly recommend our orchardists to secure the "American Fruit Culturist" and make themselves acquainted with all the best varieties of Pears, Apples, &c., &c., so as to have a supply of the choicest the season throughout.

Apples, ₱ box	1 50	@	3 00
Pears, ₱ lb	5	@	15
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	—
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh	12	@	25
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	25
Strawberries, ₱ lb	—	@	—
Rasberries, ₱ lb	—	@	—
Blackerries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	50	@	75
Oranges, ₱ doz	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00

Retail Prices in the Vegetable Market.

At this period, this department far surpasses in beauty and appearance, its more luscious and gay sister, the fruit department. There is not a market in the world that can vie with ours at this season of the year, for we have an abundance of every delicate variety of vegetable and salad, and at prices unprecedentedly low, and such is the increased demands for these articles that our markets are becoming far too small for even vegetables and fruit alone. It is true that some of our spirited capitalists are increasing and improving the various retail depots, but in such narrow and confined ideas that no sooner is one finished than it becomes too small for the purpose it was intended. To meet the wants of the people, we must have markets covering acres of ground and not patches here and there. Two or three monster, center markets would be more effective than scores of small ones, and would pay better for the investment.

Asparagus, ₱ lb	75	@	1 00
Artichokes, (Fr.) ₱ doz	25	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	35
Broccoli, ₱ doz	1 50	@	2 00
Cauliflower, ₱ doz	1 50	@	2 00
Cabbage, ₱ doz	1 00	@	1 50
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	—
Cranberries, ₱ gall	1 25	@	2 00
do eastern, ₱ gall		@	2 00
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new	15	@	25
Green Peas, ₱ lb	—	@	—
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb	15	@	25
do cultivated	50	@	75
Onions, ₱ lb	6	@	8
Horseradish	20	@	30
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 50	@	—
do Sweet	4	@	6
do do new	6	@	8
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsely	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	—
Radishes, ₱ doz bunches	—	@	37½
do yellow	—	@	37
do black, ₱ bunch	10	@	15
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	—
do Hubbard	3	@	8
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	—	@	50
Salsify, ₱ bunch	25	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	6	@	8

FISH

Herrings and Smelts are the only varieties of the scaly tribes which are to be had at moderate prices; almost all others are comparatively scarce, consequently, demand higher prices. Salmon is almost out of the question. Prices as under:

Salmon, ₱ lb	—	@	18
do smoked, new	8	@	12½
do pickled, ₱ b	—	@	8
do do ₱ lb	5	@	6
Salmon Trout ₱ lb	—	@	—
Smelts	10	@	15
Perch	—	@	10
Rockfish	—	@	12
Codfish, dry	—	@	10
Herring, fresh	2	@	6
do smoked	1 00	@	—
Tomcod	—	@	18
Sardines, fresh	—	@	—
Soleflsh	—	@	25
Crabs large ₱ doz	—	@	1 50
do small	2	@	50
do soft	—	@	50
Terrapin, ₱ doz	5 00	@	6 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	10
Flounders	20	@	—
Sea Bass	8	@	25
Halibut, rare	—	@	—
Sturgeon	—	@	—
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	10	@	12

POULTRY AND GAME.

Our Poultry and Game Market is more than abundantly supplied with every necessary. The various stands literally groan under the weight of the enormous quantities of fat Turkies, Ducks, Chickens, etc. Business as a rule with the various dealers is a little below par.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 25
do Canvas-back	1 00	@	—
do Mallard	75	@	1 25
do Teal, ₱ doz	2 00	@	3 00
Geese, wild, ₱ pair	1 00	@	—
do tame	1 75	@	2 00
Chickens, each	75	@	1 00
Turkeys, ₱ lb	20	@	22
Hens, each	75	@	1 00
Snipe, ₱ doz	—	@	2 00
do English	2 00	@	—
Venison, ₱ lb		@	—
Quails, ₱ doz	1 50	@	1 75
Pigeons, domestic, ₱ doz	1 50	@	2 00
do wild	1 50	@	2 00
Hares, each	25	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	7 00	@	7 50
Spring Chickens	7 00	@	7 50
Turkeys, ₱ lb	15	@	16
Ducks, tame, per doz	7 00	@	8 00
do wild,	2 00	@	4 00
do Mallard	—	@	—
Geese, tame, per pair	2 50	@	3 00
do wild	4 00	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	1 50	@	—

MEATS.

Our Butcheries are well supplied with meats of excellent quality, for which there is an increasing demand. The bright cold weather apparently sharpens our appetites, and creates a desire for warm and animal food. All the excitement of holidays being over, our butchers are settling down into their usual routine of supplying the wants of their customers. Ther are doing a capital business and at good paying prices.

Beef, tenderloin, ₱ lb	15	@	25
do sirloin and rib pieces	15	@	20
do corned	—	@	12
do smoked	—	@	10
Pork, rib, etc., ₱ lb	10	@	15
do chops	10	@	15
Veal, ₱ lb	12	@	20
do cutlet	—	@	15
Mutton, chops, ₱ lb	10	@	15
do leg	10	@	15
Lamb, ₱ lb	12	@	18
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	26
do Oregon	—	@	—
do Imported	—	@	—
Beef tongues, each	62	@	75
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured	37	@	

DAIRY—BUTTER, CHEESE, EGGS ETC.

It will be observed that a considerable reduction has take place in this department, since our last publication. Eggs, the universal favorite and the most delicate of all dishes, approximating to the substantiality of animal food, can now be had at more moderate rates, and we say that the time is not far distant when they will be even far lower in price than at present. Twenty to thirty-five cents per dozen will well pay for all trouble connected with the producing of this article. Other triticles connected with the dairy will also be in proporaion.

Butter, California, ₱ lb (Fresh)	50	@	60
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	—	@	55
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Ham and Bacon	—	@	20
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	40	@	47½
do do packed	—	@	—
do Eastern (new)	—	@	40
Eggs, ₱ doz	—	@	40
Lard, ₱ lb	13	@	14
Hams, ₱ lb	16	@	17
Bacon	16	@	17
Cheese, California	18	@	20
do eastern	—	@	22½

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES
L. Miller & Co.

BEEF—American, 1st quality, 9 @ 11c ₱ lb
do. 2d do. 8@10c.
MUTTON—10@11c ₱ lb. LAMB—10@12c.
PORK—undressed, —@5½c; dressed, 7@8c.
VEAL—10@13c ₱ lb.

WOOL, TALLOW, HIDES ETC.

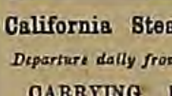
Wool, best fall clip	16	@	18½
Medium	12	@	15
do burry	10	@	12
Wool-sacks, new	75	@	80
do second-hand	40c	@	50
Dry hides, ₱ lb	15	@	16
Green salted, ₱ lb	7	@	7½
Sheep skins, wool on	30	@	50
do do plain	12	@	25
Goat skins, each	25	@	50
Refined Tallow	8	@	8¼

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS



Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

Jan. 14—MONTANA, Capt. A. West, connecting with RISING STAR, Capt King.
Jan. 22—CONSTITUTION, Capt. Wm. H. Hudson, connecting with HENRY CHAUNCEY, Capt. Conner.
Jan. 30—GOLDEN CITY, Capt. Wm. F. Lapidge, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oc4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings, Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

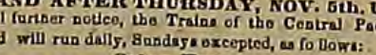
ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD



ON AND AFTER THURSDAY, NOV. 5th, until further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger trains will leave Sacramento at 6:30 A. M. Colfax at 9:50 A. M., Reno at 4:14 P. M., Winnemucca at at 3:20 A. M., and arrives at Argenti at 8:25 A. M.

Going West.

Passenger train leaves Argenti at 10:10 A. M., Winnemucca at 3:20 P. M., Reno at 3:40 A. M., Colfax at 9:50 A. M.; arriving at Sacramento at 1 P. M.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points in Idaho Territory.

And at Argenti with Overland Stages for Austin, Salt Lake City, and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuges now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered. and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take neith Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, PA.,

DR. M'LANE'S CELEBRATED LIVER PILLS,

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physican, requires that some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the powers of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance to human health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close a connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character, that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity, or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindictive feelings and Passions from trifling and inadequate causes of which we afterwards feel ashamed; last, though not least, more than three-fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a sinfulsensation of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercises would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease; but cases have occurred when few of them existed yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging simply is necessary. As an anti-bilious purgative they are inferior to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult, the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous train of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. And even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed, and with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure semi-circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip, occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or furred tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual "providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause." In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, give a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: DR. McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills, or one of Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

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WASHINGTON'S ACCOUNT OF THE AGRICULTURAL ADVANTAGES OF THE UNITED STATES IN 1796.

LETTER FROM HIS EXCELLENCY GENERAL WASHINGTON, *to the Right Honorable Sir* JOHN SINCLAIR, *Baronet, containing an account of the Several States of America, as they appeared calculated for the residence of a British emigrant, in the year* 1796.

(continued from last week.)

This general description is furnished that you may be able to form an idea of that *part* of the United States which would be most congenial to your inclination. To pronounce with any degree of precision what lands could be obtained for in the parts I have enumerated, is next to impossible, for the reasons I have before assigned; but upon pretty good data it may be said that those in Pennsylvania are higher than those in Maryland, (and I believe in any other State,) declining in price as you go southerly, until the rice swamps of South Carolina and Georgia are met with, and those are as much above the medium in price as they are below it in health. I understand however, that from 30 to 40 dollars per acre, (I fix on dollars because they apply equally to *all* the States, and because their relative value to sterling is well understood) may be denominated the medium price in the vicinity of the Susquehanna, in the State of Pennsylvania; from 20 to 30 on the Potomac, in what is called the valley—that is, lying between the North Mountain and the Blue Mountain, which are the richest lands we have, and less, as I have noticed before, as you proceed southerly. But what may appear singular, and was alluded to in the former part of this letter, the lands in the parts of which I am now speaking; on and contiguous to tide water, (with local exceptions) are in lower estimation than those which are above and more remote from navigation. The causes, however, are apparent—1. The land is better; 2. Higher and more healthy; 3. They are chiefly, if not altogether in the occupation of farmers; 4. From a combination of all of them, purchasers are attracted, and of consequence the price rises in proportion to the demand.

The rise in the value of landed property, in this country has been progressive ever since my attention has been turned to the subject, (now more than 40 years,) but for the last three or four of that period it has increased beyond all calculation; owing in part to the attachment to, and the confidence which the people are beginning to place in their form of Government, and to the prosperity of the country from a variety of concurring causes—none more than to the late high prices of its produce.

From what I have said, you will have perceived that the present prices of land in Pennsylvania are higher than they are in Maryland and Virginia, although they are not of superior quality. Two reasons have already been assigned for this: first that in the settled part of it the land is divided into smaller farms, and more improved: and secondly, being in a greater degree than any other the receptacle of emigrants, these receive the first impressions in Philadelphia, and rarely look beyond the limits of the State; but besides these, two other causes not a little operative may be added, namely, that until Congress passed general laws, relative to naturalization and citizenship, foreigners found it easier to obtain the privileges announced to them in that State than elsewhere and because there are laws here for the gradual abolition of slavery, which neither of the two States above mentioned have at present, but which nothing is more certain than that they must have and at a period not remote.

Notwitstanding these obstacles, and although I may incur the charge of partiality in hazarding such an opinion, at *this time*, I do not hesitate to pronounce that the lands on the waters of Potomac will in a few years be in greater demand and in higher estimation than in any other part of the United States. But as I ought not to advance this doctrine without assigning reasons for it, I will request you to examine a general map of the United States, and the following facts will strike you at first view; That they lie in the most temperate latitude of the United States; that the main river runs in a direct course to the expanded part of the western country, and approximates nearer to the principal branches of the Ohio, than any other eastern water, and of course must become a great, if not (under all circumstances) the best highway into that region; that the upper seaport of the Potomac is considerably nearer to a large portion of the State of Pennsylvania than that portion is to Philadelphia, besides accommodating the settlers thereof with inland navigation for more than 200 miles; that the amazing extent of tide navigation afforded by the bay and rivers of Chesapeake has scarcely a parallel. When to these are added, that a site at the junction of the inland and tide navigations of that river is chosen for the permanent seat of the General Government, and is in rapid preparation for its reception; that the inland navigation of the river is nearly completed to the extent above mentioned; that its lateral branches are capable of great improvement at a small expense, through the most fertile parts of Virginia, in a southerly direction, and crossing Maryland and extending into Pennsylvania in a northerly one, through which (independent of what may come from the western country,) an immensity of produce will be water-borne, thereby making the Federal city the great emporium of the United States—I say when these things are taken into consideration, I am under no apprehension of having the opinion I have given relative to the value of land on the Potomac controverted by impartial men.

There are farms always and everywhere for sale; if, therefore, events should induce you to cast an eye toward America, there need be no apprehension of your being accommodated to your liking; and if I could be made useful to you therein, you might command my services with the greatest of freedom.

Within full view of Mount Vernon, separated therefrom by water only, is one of the most beautiful seats on the river, for sale, but of greater magnitude than you seem to have contemplated—It is called Belvoir, and did belong to George William Fairfax, Esq., who, was he living, would now be Baron of Cameron, as his younger brother in this country (George William dying without issue) at present is, though he does not take on himself the title.

This seat was the residence of the above named gentleman before he went to England, and was accommodated with very good buildings, which were burned soon after he left them. There are near 2,000 acres of land belonging to the tract, surrounded in a manner by water. The Mansion house stood on high and commanding ground.—The soil is not of the first quality, but a considerble part of it lying level may with proper management, be profitably cultivated. There are some small tenements on the estate, but the greater part thereof is wood. At present it belongs to Ferdinando Fairfax, son of Bryan Fairfax, the gentleman who will not, as I said before, take upon himself the title of Baron of Cameron. A year or two ago the price he fixed on the land was (as I have been informed) 33⅓ dollars per acre; whether not getting that sum, or whether he is no longer disposed to sell it, I am unable with precission to say; for I have heard nothing concerning his intentions lately.

With respect to the tenements I have offered to let, appertaining to my Mount Vernon estate, I can give no better description of them and of their appurtenances, that what is contained in the printed advertisement herewith inclosed; but, that you may have a more distinct view of the farms, and their relative situation to the mansion-house, a sketch from actual survey is also inclosed; annexed to which I have given you, from memory, the relative situation and form of the seat at Belvoir.

The terms on which I had authorized the superintendent of my concerns at Mount Vernon to lease the farms there, are also inclosed; which, with the other papers and the general information herein detailed, will throw all the light I am enabled to give you upon the subject of your inquiry. To have such a tenant as Sir John Sinclair, however desirable it might be, is an honor I dare not hope for; and to alienate any part of the fee-simple estate of Mount Vernon is a measure I am not inclined to do, as all the farms are connected and parts of a whole.

With very great esteem and respect I have the honor to be, Sir, your most obedient and obliged humble servant, GEORGE WASHINGTON.

P. S. As I shall have an opportunity in the course of the present Session of Congress to converse with members thereof from different States, and different parts of each State, I will write you a supplementary account, if essential information should be obtained in addition to, or corrective of, what is given you in the aforegoing sheets.

IMPROVEMENT IN THE SOUTH.

[We give the following sketch "from the Macon (Ga) Journal and Messenger Dec 16th and we gladly give this sketch for it shows clearly that our Southern Brethern are awaking to their true condition and taking hold with manliness with the living realities around them, and are determined to act bravely and nobly and win a true independence, we rejoice to announce their success and prosperity as here recorded by themselves,—ED FARMER.]

Notwithstanding all our losses and the "tight times" we have been tiding over for two or three years past, our condition may not untruthfully, at the present writing, be described as above. We have had to start from the stump, and toiled along with many slips and flounders, and backsets, but we are on tolerably firm ground at last, financially. We mean by this, that what we have made this year is in hands, and freeer than ever before, from pre engagements on account of incidental debts. We don't owe much, and what we do owe, we can pay without much straining of pocket nerves, and suptracting from needed and useful improvements. If our political ills were in as fair a way, we could count, with great hopefulness, on a rosy future. Give us peace in politics, and our pockets would soon overflow. It looks as if there was some doubt about our being allowed to go on as we have begun, but we hope for the best. Nothing under the sun but anarchy, or the most infamous mis-government, can prevent our prospering. We are a hardier, more active, more energetic people than ever; and we have learned some very useful lessons we did not know before, We are not bound, as formerly, to do one of two things with our surplus earnings—buy more land, or more negroes. Our changed condition has opened new fields for investment, investments, too, that not only pay but are permanent, filling the pockets and gladdening the eye as well. We have learned all these things by hard, sometimes very bitter experience, but we have no cause for complaint with the results as put down to our credit for this year's work. What are these results? Briefly stated, we may say, that enough grain has been produced in the South the present year to feed its whole population, either in the shape of breadstuffs or an equivalent of beef and bacon. Beyond this it is estimated that there will be a surplus for sale, consisting of say two million and a half bales of cotton, one hundred and twenty thousand hogsheads of sugar, together with liberal crops of tobacco, rice, and considerable quantities of other marketable products, all of which, it is supposed, will amount to the aggregate value of three hundred million dollars. Pretty good that. And we believe, too, that the proceeds of this snug sum total, will, more than that of any other planting season, go to build up an active and profitable home trade, to promoting every safe home enterprise, and garnering up all the constituents that give elegance and comfort to home life. We believe that the country, in its natural and artificial features, will have more to show for it than in any former year in its history, and that our people, in their homes, their habits, and their business pursuits, will all reflect the blessings and advantages shining forth from the New Era upon which we seem about to enter.

—So mote it be.

WHITE CHILI POTATO.

L. D. Scott Esq, of Huron Ohio of the celebrated Potatoe Farm, whose card appears in this number, send us a history of the 'Chili, Potato" which now promises to be a valuabl evariety, we shall have samples of this, and many other kinds, a list of which can always be found at our office.

The White Chili was raised in 1856 by the late Rev. Chauncey E, Goodrich, of Utica New York. It is the third generation in a direct line from an imported Chili," is a late variety of most admirable growth, the tops being very bushy and standing perfectly erect all through the season, Tuber, quite large, nearly round, skin white and smoothe eyes not large nor deeply set, flesh white, fine grained, cooks very dry and mealy; quality *best*; is very solid and keeps without rotting or shriveling; is a very productive and valuable kind; certainly worthy of a trial all through the South and California; the white Chili does not mature fully at Utica, and its value for a more Southern Latitude could only be guessed at. The originator, however says in his note, he thinks it would do well in New Jersey and Southern Ohio.

This Potato will soon be for sale at the Farmer office.

THE DIFFERENCE.—A wife sets articles to rights, while an editor writes articles to set.

WALKING HORSES.

We call special attention to what a writer in the *Farmers' Home Journal* said on this subject, If we had more such walkers and less such trotters, we think our Farmers, would find great gain thereby.

•The best gait a good horse ever had for every day use is a good walk. It is a gait that not one in ten possesses. Colts are not trained to walk in all of the Eastern States. Young America wants more speed. Kentucky has more good walking horses than any other State, for there, horseback traveling has long been in fashion for men and women, over a country, where muddy roads at times render any other gait impossible, and so horses have been bred for the saddle and trained to a walking gait. This is also the case in all the Western States, and perhaps might have been so in New England when our grandmothers rode to meeting on a pillion behind our grandfathers. But one-horse wagons have put horseback riding out of fashion, and now a good walking horse is more rare than one that can trot a mile in 2.40.

At the Springfield (Mass.) Horse Show of 1868 the writer was one of the committee to award prizes to best walking horses. Out of seventeen entered, the committee found but one which was considered a first-rate walker. This was a Sorrell mare; which walked five miles an hour with ease. Two others were fair walkers, and the rest, knew no gate that could be called walking, At the New York State Fair the same state of facts was again developed. A letter from Wisconsin says; "I think horses trained to walk fast would be a greater benefit to our farmers in general, than fast trotters, as almost all of their work has to be done with a walk." I once knew a man in Massachusetts, who before the railroad were built, kept from two to four teams at work on the road, and never allowed them to trot at all, and made the distance in quicker time than his neighbors, who made their horses trot at every convenient place. He said that when a horse commenced to walk after a trot, he walked much slower than his common gait, if he kept on a walk, and thereby lost more than he gained. Will farmers think of this, and pay more attention to walking horses?

THE EARTH'S GRATITUDE.

EDITORS SOUTHERN CULTIVATOR;—The sin of ingratitude has been universally detested; but that sin will never be charged upon Mother Earth.

She can justly charge it home upon her guilty children, but she is pure. Her ungrateful children press sorely upon her, but she only "groans and travails in pain," under their harsh treatment, and for the least favor, she shows her gratitude. Feed a poor, starving horse, cow or pig—they cannot speak, but they express their gratitude in improved looks, labor and otherwise.

Feed poor, impoverished Earth, and the results are more patent.

Give Mother Earth a tongue, and let her express her gratitude. You give her some food, clothing and drink, and what is her response: "Thank you, my children—when I was hungry you fed me, and I will feed you; when I was naked, you clothed me, and I will clothe you; and when I was thirsty, you gave me drink, and you shall never thirst for things of mine." And who can accuse her of non compliance in an hundred fold?

Nor is she fastidious in her food. Give her the excrements that are under your feet, in your way, and offensive to your nostrils, and she will reward you bountifully. Throw upon her face all the rakings and scrapings of your yards, barns, stables and lots, and she will not be offended, but will smile upon you gratefully, and will fill your stomachs and pockets with her good things. Turn into her bosom the grass, weeds and stubble of your fields, and she will utter a grateful response that will make Gaunt Despair smile.

Neither is she a glutton, True, she could eat a great deal, and would pay you good interest upon a large amount; but such is her gratitude and beneficence, that she will thank, you, and pay well for small favors.

Reader, look to your interest, and tell me who is guilty of the base sin of ingratitude?

BETH. IN SOUTHERN CULTIVATOR.

SAN JOAQUIN CULTIVATION.

I suppose you would like to hear something of this much talked of Valley. Well the crops so far are very fine and doing well everywhere, and if we get the yield of wheat and barley this year, that we did last, I think, will be very appropriately named, Eden Valley. Such is the name given to this valley. There was a large lot of summer fallowing put in before the rains, and since then every team and plough in the valley has been running. The most of the farmers intend putting in wheat and barley until the 15th of Febuary next, after which they will go in heavy on the Summer fallowing, It would be hard to find one quarter of a section in this valley, that did not have grain ground in it now, or either preparing for a crop. There wont be a ten acre lot left unplowed by spring in this whole Valley. The amount of grain being planted is incredibable

I remain yours. W. G. D.

AMERICAN PRODUCE.

From Alex. S. Macrae's Liverpool Weekly Produce Statement, Wednesday, 23rd December, 1868.

AMERICAN VS. CANADIAN FLOUR.—Why should American sell *as a rule* at much *less* money than Canadian? Simply because the former rarely finds its way *direct* from the miller to the British consumer—is perhaps months knocking about in the stores of United States seaports, and consequently, cannot compare in excellency of condition with the Canadian. The very freshness of the barrel seems "finish" to the flour, and the Canadians brand with legible care and special significance as to address, so that wherever *that* quality finds favour, *that* miller is advertised by it to his very home. Thus, particular brands get called for, and every miller possesses within himself the means of founding a European reputation, of more value than ever an American one, with the power of pitting the one against the other. Western brands *ought not* to be selling at 24s to 26s 6d (7¼ to 9 dollars), while Canadian commands 27s to 29s (8¼ to 9 dollars) per barrel, *but such is the fact*, the latter saving besides *five* to *ten per cent in expenses*, by a direct alliance with British consumers!

AMERICAN HAY, AND THE BRITISH GOVERNMENT.—It is to be hoped that an early circular will announce, the abolition of the "prohibitory order" of the late Privy Council, limiting the consumption of American Hay "to horses," on account of the cattle disease in the United States.

The Hon. Reverdy Johnson, the American Ambassador, writes, 15th instant, "that he saw Lord Stanley about it on the 25th September last—that he was then unsuccessful, but that he will bring it again under the notice of the present government." The Right Hon. John Bright, our new President of the Board of Trade, also writes, 21st instant, "that the matter will be considered."

BARLEY.—One of the most extraordinary features of this season is the rush of barley from Great Britain to the United States! It appears that American distillers, more especially those of Chicago, have suddenly discovered the superiority of our growth, and we are shipping, from the *1st of this month to the present date* some 120,000 bushels, against *not a single bushel* this time last year! If any evidence was wanted of the constant necessity of Americans and English to *try and reciprocate* produce, it is here successfully afforded. The value of British barley for malting purposes is 6s to 6s 9d per bushel of 60lbs.

COATES, BROS' WOOL CIRCULAR,

PHILADELPHIA, Jan. 1st., 1869.

The wool business in December was very moderate, and although the market has been quiet, yet we note that the amount of sales compares very favorably with last and previous years. The demand, though not very large, has been steady, being confined to the actual wants of manufacturers, and prices have ruled very firm. This fact taken in connection with a tightness of the money market not often equalled, and the failure of some large New York Houses, induces holders to believe that prices will be higher when confidence is fully restored, and money can be readily had for the general requirements of trade. There is comparatively little wool held back in the country or Western cities, and as the bulk of the stock in the Eastern marts is all paid for and very little held by those who wish to realize to meet obligations there has consequently been no pressure to sell, and great firmness has prevailed in the face of a comparatively dull market.

Low and medium wools are very scarce, and command relatively higher prices than the finer grades, which are in larger stocks; but as the machinery of the country has been turned to these descriptions we may expect to see a more active inquiry; and, when it becomes apparent that there will not probably be any surplus to carry over the new clip, competition will very materially enhance the value of the fine wools, and they will take the same course as the low grades, assuming their relative value in the scale of prices.

The sales for the month, of Domestic Fleeces and pulled, foot up about 1,612,500 pounds, within the range of 50 to 60 for Fleeces, and 42 to 47 for Pulled.

DOMESTIC PULLED,

City Merino Pulled, Long	$ 44 @ 46
City Merino Short	40 " 44
City No. 1, Pulled	44 " 47
Western Merino	40 " 43
Western No. 1	43 " 45

CALIFORNIA.

Fine Unwashed Fleeces	$ 34 @ 37
Medium Unwashed Fleeces	33 " 36
Common Unwashed Fleeces	30 " 33

COATES, BROTHERS,
Nos. 127 and 128 Market St.

"There shall be the early, and the latter rain.

Agriculture.

THE MAIDEN'S CHOICE.

Oh give me the life of a farmers wife,
In the fields and woods so bright,
'Mong the singing birds and the lowing herds,
And the clover blossoms white;
The note of the morning's heavenward lark,
Is the music sweet to me;
And the dewy flowers in the early hours,
The gems I love to see.

Oh! give me the breeze from the waving trees,
The murmur of summer leaves;
And the swallow's song as he skims along,
Or twitters beneath the eaves;
The plowman's shout, as he is turning out
His team, at set of sun,
Or his merry "good night," by the fire-flies light,
When his daily work is done.

And give me the root and the luscious fruit,
My own hands rear for food;
And the bread so light, and the honey white,
And the milk so pure and good!
For sweet the mead of labor is,
When the heart is strong and true,
And blessing will come to the hearth and home,
If our best we bravely do.

EDUCATION FOR FARMERS.

It is a great mistake to suppose that farmers do not need to be educated. Progress is sure in this direction, as in all others, but it seems slow. The farmer without an education sinks to a mere drudge and can never hope to attain an equal position in society with other professions; and he may boast as he will, but he cannot make his farm produce like the intelligent, well-read man, who studies agriculture as a science.

The uneducated farmer wonders why his sons and daughters are so anxious to leave the farm, to choose other occupations. The reason, my friend is obvious; for your sons cannot plod on with you. If you persist in keeping them a century behind the times. Young men and women, of all trades and professions, are perfecting themselves in their various callings—attending sientific lectures, reading scientific books, studying improvements in every department of labor; and marking their progress in respectability, usefulness and worth.

To the intelligent gentleman, the farm holds out far more delightful inducements than any trade. He enters the profession with a desire and a determination to elevate it, and he succeeds too, just in proportion to his general culture. Opportunities for agricultural training are open over the whole country, and parents would do well to place in the hands of their sons scientific books and papers, if they wish them to remain on the farm; also give them an opportunity to attend a course of lectures on agriculture.

Your children would soon look with altered eyes upon the farm life; and what a different aspect would many a farm-house wear! Throw about your children all these helps and encouragements to service—so reasonable, so delightful, so profitable—if you would have your farms blossom like the rose, and your homes and hearts bask in the sunshine of happiness and prosperity.—*Country Gentleman.*

BRAN AND COTTON SEED MEAL FOR MILCH COWS.

Plain bran or ship stuff, says the *Stock Journal*, is one of the very best kinds of food to increase the milk. It is not fattening. A steer could not be fattened on bran alone, and a cow, if fed on the best of hay and bran alone, might fall off in yield, unless her strength and condition were kept up by Indian meal or stronger food. If there were anything in which there would seem to be no strength, it is bran, the mere hull of wheat. It is not stimulating like brewers' grains, and can certainly do no harm, if it does no good; and yet any farmer who will make the experiment, will find—or, at least we have found—that a cow being otherwise kept in a proper condition, her yield of milk will be very considerably increased by giving her twice a day a feed of pure bran. The fact is patent, although we are not able to explain it. If there is any one article, which, while keeping up the health and strength of the cow, will also increase the supply of rich, healthy milk, in our experience, it is cotton seed cake meal. We have found this to have great effect on the milk secreting organs. The cows at first do not seem to relish it, and it should be mixed with some other seed, but they soon come to like it, and we have never seen any bad effects in any way.

[We can add from many well authenticated facts in our possession, that the *Linseed Oil Cake Meal*, is one of the very best articles for stock feed ever known; and the most experienced stock men of Europe show this by the use they make of this kind of feed. Our own stock men too, in California are beginning to be wise in this respect.—We are glad to know this.—Ed. F.]

Sweet Earn.—A lad in Ireland recently found under the flooring of a room in which he was working, a mass of honey weighing over 120lb., the fruit of many years industry of the busy insects. The proper precautions having been taken, the monster honeycomb was made secure by the fortunate finder.

"There shall be the early, and the latter rain.'

CHICORY.

This article is now one of importance to our State, and it is being grown to some extent on the Sacramento, River where there are quite Extensive grounds devoted to its culture, and the preparation of it for market. It is to be hoped that there will be an increased attention paid to its culture for it must certainly become an article, of large demand in coming years.

We find in our Exchanges from Melbourne that there is considerable attention paid to it there, where it is an article of large value.

This crop is not the difficult one to grow which many people imagine; any one who can successfully grow parsneps or carrots can grow chicory. The land must, in the first instance, be trench-ploughed, if broken up and well pulverised to the depth of twenty inches so much the better. As with mangolds, the manure ought to be thoroughly incorporated with the soil, and if applied previous to ploughing, this object can be well effected through the action of the cultivator, which is the best implement a farmer can have for preparing his land for all root crops after ploughing. Roots are not nearly so liable to "fork" when the land and manure are perfectly worked together: it is when the latter lies in pieces, and when the tilth is not sufficiently fine that the roots when taken up are the reverse of straight and clean. The small hand drills now in use upon many farms are well adapted for sowing chicory seed, so long as they can be narrowed to about fifteen inches between the rows. After the ground has undergone the required operations, the tilth as fine as implements can make it, and finished off with the roller, an expert will be able to drill as straight as is nessary for the introduction and use of the horse hoe so soon as the young plants appear. Thinning out should be attended to as soon as the lines of plants can be discerned, or almost as soon, for the plants quickly strike very deep, and if cut off by the hoe near the surface, or "between wind and water," as it is termed, there is just a posibility of the plant showing itself again above ground. Many persons prefer a long narrow garden trowel to single out with, and they think it necessary to insure the perfect removal of the young plant; but this precaution is uncalled for if the singling out be attended to at the proper time, and that time is after the first horse hoeing, and when the rows can be easily discerned. The permanent plants may be left at nine inches apart. Chicory will require the horse hoe as much as any other root crops, and in ground which has been occupied by this root over one season, more so; chicory is not unlike horse-radish in one characteristic—the least piece of root left in the ground will eventually show itself above ground; it is most determined and persevering in this respect. and an old chicory ground is always constantly being overrun with plants, which the horse-hoe only can cope with. For this reason this crop is never placed as one under the rotation system. The plot of ground chosen for it must be entirely given up to it until the owner determines to lay it down in grasses. The after culture of this root is similar to that given to other like crops. The hoe is the principal tool required, and the better the tilth before sowing, the less need for hoeing after, a shilling an acre expended in encouraging and afterwards destroying weeds previous to sowing most crops, saves the expenditure of five times the amount during the maturing or aftergrowth of them. We very seldom give our lands intended for root crops the necessary first dressings, a single ploughing, maybe, double harrowing, then drill and finish off with a light harrowing; such is only playing at farming, but it is the system too frequently adopted by many of our occupiers.

Ramie or China Grass.—In answer to a recent inquiry, we gave a summary of some of the statements made by those who have been concerned in introducing this plant in our Southern States.—Mr. Alex. S. Macrae, Produce Broker, Liverpool, England, now sends us his weekly circular of Nov. 25th, which speaks of its value in glowing terms. Mr. M. evidently over-rates the scale on which the Ramie has thus far been produced in this country; we are not aware that it is yet "growing wild" on our Southern plains—but, if his expectations are realized as to its value and the demand which must arise for it, there can be no doubt that its production will be greatly stimulated, and that it will become a most valuable article of export. He speaks of it as "yielding a fibre so textile, yet so beautiful withal, that it can be treated to rival silk and to supersede the finest cotton." He promises farther information hereafter, which we trust we may receive, and meantime quote the substance of his present statements. Ramie, says Mr. M., is—

"Neither unlike Jute or Hemp, but with a bolder, crisper, yet more pliable fibre. To be got up in a proper way (I speak of the *raw* material,) it should be dried, *when the green becomes white.*—The value in the green state is £35 to £40 per ton of 2,240 lbs.—white, £50 per ton—dressed, for mixing with Cotton and Silk, £280 to £300 per ton. Any Americans who have visited this side the last year or two, may have seen our ladies wearing for morning and walking dresses, what *might appear* to be a splendid French lavender silk! American ladies, however, would not fail to observe that, though beautiful to the eye, it lacked the inherent value of silk to the touch, though superior in every way to cotton. Did any one of these American visitors know, that this silk-like material owed its base to their own soil—that it was chiefly made from Ramie or China grass—and is no other in Europe than the *imitated*, and so called 'Japanese. Silk?'"

Fear is implanted in us as a preservative from evil; but its duty, like other passions, is not to overbear reason but to assist it, nor should it be suffered to tyrannise in the imagination, to raise phantoms of horror, or beset life with supernumerary distresses.

Plow deep while sluggards sleep.

Agricultural Implements. New Advertisements.

To the armers of California:

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, by reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid, Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

Miscellaneous.

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 10 Men in Planting Time,

Makes its own furrow, cuts the potato in such slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly and does all this as fast as a horse can walk over the ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all summer and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very crisis of time," and gives leisure to its owner for attention to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with

Particulars and Catalogues can be had at our office

WARREN & CO.,

320 Clay street, up stairs

INVESTMENTS

MADE IN HOME INSTITUTIONS PROMOTE THE general prosperity of the State. It is therefore the interest of all who reside on this coast, in effecting insurances on their lives, to give the preference to

THE CALIFORNIA

MUTUAL LIFE

INSURANCE COMPANY.

INCORPORATED NOVEMBER 16, 1867,

Capital in U. S. Gold Coin, $100,000
Guarantee Fund, U. S. Gold Coin, 250,000

C E McLANE, *President.* S F BUTTERWORTH, *Vice-President.*

DIRECTORS.

J MORA MOSS, O LAWTON, D STERN,
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R T MAXWELL, M D,
J C SHORB, *M D.*

Which Company, offers to residents of the Pacific Coast greater advantages than are offered by any Eastern Company. Read the Prospectus of this Company before applying elsewhere Copies can be obtained at the office of the Company, No. 13 MERCHANTS EXCHANGE.

W. R. WHEATON,
General Agent

Valuable Patents FOR SALE.

We invite the attention of energetic Mechanics to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

EARLY GOODRICH POTATO

Important to Market Gardeners and the Agricultural Public.

The Undersigned, having growing and tested the above Potato for two seasons, have no hesitation in announcing it far superior to any other grown on this coast, for an early Potato, and now offer it for sale. It is very early (from three to four weeks earlier than any other) good size, white skin, smooth eyes, white flesh, superior table quality, and very productive.

L. F. or F. SANDERSON, San Jose, Cal.

Agents in San Francisco—GRIFFITH & ELLIS, 225 Washington street, one door below Front; and SILVESTER, No. 317 Washington street.

To Take Charge of a Place

A young man with some capital (from $500 to $1,000) can hear of a good opportunity to take charge of a place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a one a good chance can be given.

Address G. A. B.
30-20 Care of FARMER Office.

Horticulture.

CULTURE OF THE CRANBERRY.

VARIETIES, MODE OF CULTURE, ETC.

The raising of Cranberries is engrossing the attention of very many cultivators, and a few facts in regard to their culture, etc., in answer to many inquiries, may be of interest to those who wish to raise them for their own use and for market. In order to insure success, the preparation and culture should be thorough. In different sections of the country different modes are successfully adopted.

THE SOIL BEST ADAPTED.

Is low, moist land; no matter how poor the soil, destitute of organic matter, and covered with bogs,—or on muck or peat swamps, the top of which can be removed to the compost heap—then covered with three to five inches of sand, after being well drained, so that the water will be 12 to 18 inches below the surface. If they are planted directly on muck or peat, they are apt to make too rank a growth,—sometimes 10 or 12 feet in length, and cover the ground with a mat three or four inches thick, and as the fruit grows on the ends of the shoots, the rank growth throws out but few buds; but if sanded over, the shoots are of short growth, and the plants become rooted and throw out stronger fruit buds. The sand also tends to prevent the growth of weeds, wild grass etc., and is easier cultivated, and keeps the ground loose around the plants. As the fruit and vine draw their nourishment from air and water, they do not need manure, or anything to stimulate their growth. They will grow on almost any soil, (*except dry sand or clay*) that can be worked with a plow, or on garden soil not too dry, and produce a fair crop on such land. Where small plots are planted, saw dust, tan, or anything that retains moisture, spread on the top of the ground, is beneficial, but on upland generally they will not do as well as on moist lands. They also grow well on the borders of streams and ditches.

THE VARIETIES.

There are three varieties, the Cherry, Bugle and Bell, generally cultivated. The Large Round Cherry, are late—not prolific bearers—and do best on quite damp soil. The Bugle is quite handsome, not as late as the Cherry, and not as prolific as the Bell, which is most generally planted. It is early and prolific, and is the kind usually sold as Cape Cod Cranberries. It is also the kind sold by some dealers as Upland; but there are none strictly so.

PLANTING AND CULTURE.

When the ground is well prepared, lay it out as you would for planting cabbage, strawberry or other plants, using a pointed stick or dibble to make a hole four or five inches deep, in which you place the plant, press the dirt around it and the root and stem will soon start to grow. The remainder of the vines may be layered in the ground leaving the shoots or stems above. The vines covered will take root and much sooner cover the ground. Another plan adopted by many, is to take the vines up without roots; often six or eight feet in length, which they cut up and sow in drills or lay the vine down and cover with dirt.

10,000 is sufficient to plant an acre, two feet apart each way; but if the vine above ground is layered as proposed above, the two feet between each plant will be filled at once. If planted this distance apart they can be cultivated with a horse hoe or cultivator to keep out the grass and weeds. After two or three years cultivation they will take care of themselves. If wanted in small patches or in gardens, they can be set a foot apart and will cover the ground much sooner. They can be planted at almost any season of the year. Where land for cultivating Cranberries can be overflowed it is desirable, and I might say almost indispensable. It keeps them back in the spring until after frost from the first to the middle of May, and if dry when the fruit is setting, it can be let on for a day or two. But where there is no overflow I am satisfied that they can be planted out in early spring on until July, as well as fall.

Every family can have their garden patch, and in dryish soil, grass, meadow muck tan, or sawdust around the plant, will be beneficial to retain moisture. They are highly ornamental in pots, the fruit hanging on the plant until the blossom appears for the next crop. They often bear a few berries the first year, and increase every year.

CALIFORNIA.

Few people have an idea of the extent of California. The State is 700 miles long, about 200 wide. San Francisco and Sacramento together have a population of about 170,000, leaving about 300,000 population for this vast area of country—as large as all New England and New York and Pennsylvania together—an area large enough and rich enough to sustain a population of 30 000,000. It would make a large-sized European kingdom. The State will have 13,000,000 bushels of wheat to spare, which will bring in from $18,000,000 to $20,000,000. The wool clip is larger than ever before. The vintage promises to be the best ever gathered. Twenty-five million grape vines are in bearing, and new vineyards are the order of the day. The State has just begun its net-work of railroad, soon to be connected by the long spider thread across the continent. The development of the State promises to be more rapid during the coming months than ever before.—*Eastern Exchange.*

GOLD MEDAL AWARDED

BY THE

State Agricultural Society, 1867,

And Silver Medal

BY THE MECHANICS' FAIR, 1868

FOR THE BEST SPARKLING WINE.

3 FIRST PREMIUMS

ceived in 1867 & 1868

FOR THE BEST

White and Red Wines.

ISIDOR LANDSBERGER,

30-12. 429 *Jackson Street.*

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & CO. T. H. MORROW.

A. L. CHAMBERLIN

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of

WILSON, MORROW & CHAMBERLIN,

will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.

GARDEN GROUNDS LAID OUT,

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Miscellaneous.

Grapes, Raspberries, Strawberries, Blackberries, etc.

LEARN HOW TO RAISE

GRAPE VINES.

Learn How Grapes are Grown

IN THE EASTERN STATES.

LEARN HOW TO GROW

Small Fruits:

Raspberries,
Blackberries,
Strawberries,
Currants,
Gooseberries, etc.

Many *New Varieties* have, within a few years been brought out, which far surpasses the old varieties; such, among Raspberries, are the

Clark, which we place at the head of the list of tried varieties;

Davison's Thornless Black Cap, an entirely thornless black Raspberry, of very distinct habits of growth. Excellent fruit;

Prosser, a competitor for the position the Clark has taken. Stands dry Summers well;

Philadelphia, most productive

Doolittle Black Cap, extensively planted for field cultivation;

Cattawissa, good flavor, red; bears two crops annually. Have seen it with ripe berries and blossoms at the time of our first snows, about November 20.

AND MANY OTHER VARIETIES.

Among *Strawberries*, the *New Varieties* are

Charles Downing,
Dr. Nicaise,
Nicanor,
Durand, etc.

All these varieties are described in the New Edition of our

"Manual of Grape and Small Fruit Culture."

The a neat little Pamphlet, containing full instruction how cultivate all these different varieties of Small Fruits. It contains full descriptions of the New Blackberries,

WILSON'S EARLY and KITTATINNY,

together with a new White or Cream-colored variety, which will be brought out this fall. Also,

HOW TO GROW BLACKBERRY PLANTS.

Last Fall we disposed of over 250,000 Blackberry Root Cuttings. We have heard of but few instances where they did not grow. We sent thousands of them to customers, by mail, as an experiment, to prove they could be sent safely as as California. We sent a package to Colonel Warren of the "California Farmer."

Our Pamphlet, containing Price List of our stock of Plants and Cuttings, can be obtained by calling at the office of the California Farmer, or by addressing Col. Warren, Editor California Farmer, San Francisco, Cal.

We have 50 acres devoted to the culture of Small Fruits, not all cultivated yet; 20 acres in Strawberries; 14 acres in Raspberries; 7 acres in Blackberries; 2 acres in Grapes.

WARREN & CO., *California Farmer Office*, are appointed Special Agents for our Nursery Stock, where orders can be left to secure them to customers this season. Orders should be sent at once.

J. H. FOSTER,
39-7 Kirkwood P. O., Camden County, New Jersey

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

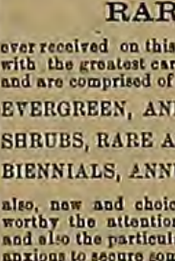
GOLD MEDAL AWARDED BY State Agricultural Society, 1867, TO THE

Natoma Vineyard.

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-9.

G. GROEZINGER,



DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the

FARMER OFFICE.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office.

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868 JOHN GAGE

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.
Farmer Office 320 Clay street, San Francis

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,
tf *Farmer Office.*

VICK'S Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

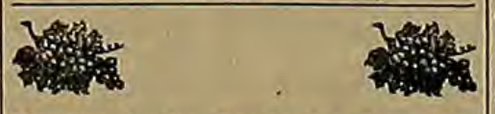
A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.



New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO
FARMER OFFICE

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the following Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,
30 8 Mt. Hope Nurseri Rochester, N. Y

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers, can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
Farmer Office.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,	$5 00
" " six months,	3 00
When payments are delayed six months,	6 00

CLUBBING.

To clubs of five, (and extra copy), six for...	25 00
do twenty,	75 00
do fifty	175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at	6 00
To every club of Ten, and $50, Agricultural Books valued at	15 00
For every club of Twenty, and $100, Agricultural Books valued at	30 00
For every club of Fifty, and $250, Agricultural Books valued at	75 00

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

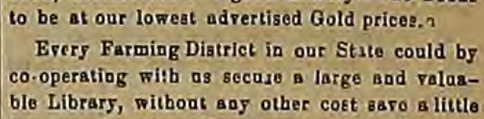
For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers.



Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberry.

For two new subscribers and $10 we will give two plants each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country,** in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 30 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will suit them if they communicate with this office immediately.

None but good bona fide sellers need apply, as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

BOUND VOLUMES FARMER.

☞ **Volumes of the "California Farmer" for**

The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essays L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....JANUARY 28, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all productive Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms; Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for one insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

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Those who have such places for *sale*, or to lease for a term of years, can find the parties that will [illegible] them if they communicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER

THE LATE RAINS.

"Far up the blue sky, a fair rainbow unroll'd
Its soft tinted pinions of purple and gold.
'Twas born in a moment, yet, quick as its birth,
It had stretched to the uttermost ends of the earth,
And, fair as an Angel, it floated as free,
With a wing on the earth, and a wing on the sea."

The words of that beautiful Poem "The Rainbow," by the gifted Western Poetess, "Amelia," has never been surpassed for sublimity and beauty by any Poet known.

The late abundant rains which have blessed the earth and made the hearts of our Farmers glad with praise, have in repeated instances, been accompanied with bright and lustrous Rainbows.—To us these beautiful heralds seem to speak a promise of a most abundant season, and while they are typical in sacred history of Gods promise to bring no more *floods* to destroy the earth, they come to us as typical also of God's promise that we *shall have* the early and the late rain.

These late rains, so steady and continuous, have placed beyond a doubt the assurance of an abundant harvest the present year, as from the most reliable sources, from our oldest Farmers, we are continually informed that they have never before known such a season of promise, and never before has the grain crop been so well or extensively planted as the present season; and never before has its appearance and growth in January equaled the present year.

These beautiful Rainbows have by their repeated appearance, seemed to inspire the cultivators for the future years, for even now thousands of plows are at work all over the State, turning up the soil, and preparing the 'fallow land' for the years of '69—70. This is well. Now is the time to press on, for every acre of ground that is well and deeply plowed now, and left fallow for the next year, is superior to land *not* plowed by more than *forty per cent.*

While we rejoice with those that rejoice for these glorious rains, we at the same time cannot but see that this 'blessed rain' must seriously effect the *treasury* of those farmers who, taking the advice of the "Sacramento Union," "Stockton Independent," and a few other papers that counselled them to *hold their grain*, have now to mourn this false counsel, which cost them so dear, and cost our State a loss of nearly *five millions of dollars.*

The vast good these rains will do cannot be told in dollars and cents, for our farmers must study for themselves the *seasons as they change*, for changing, ours most assuredly is, and so this JOURNAL has for years predicted; and those who will but observe that the more widely our territory is cultivated and built up, just so certain will our climate change from a dry arid waste, to a humid, fruitful and healthful land, giving us rains and sunshine, lightning and thunder to purify the air, and with the Rainbows of good promise every month in the year.

SILK MANUFACTURIES.

Some two weeks since we were in San Jose, and feeling a deep interest in this, to be very IMPORTANT INTEREST of our State, we paid a visit to the residence of the Pioneer, Prevost, and also to Pioneer Manufacturers, the Newman Brothers.

We found our friend Prevost surrounded by a *fortification of letters and papers*, a regular embankment of Silk materials, written and printed, and what gave us great pleasure was to see how happy this energetic friend of this cause was while thus surrounded with letters and papers from all sections of the State, and from all the Silk Districts of the old world.

We knew *we were welcome*, and soon we were cheered by gratifying information of the success of Silk Culture over our entire State. Mr. Prevost kindly showed us his large collection of cocoons, a REAL MUSEUM of this interest, being samples of every known kind of cocoons, many of the new foreign varieties, being greatly improved from the original stock, by crossing, and our genial climate.

Our visit was very gratifying to us, adding to our own strong confidence a further assurance of a grand future for this enterprise.

We visited the SILK FACTORY, of Newman and Brother, and there we were also highly pleased, for after many and perplexing trials to which this interest has been subjected in its infancy, we feared that so much delay, and so many trials, might check the zeal of these earnest Pioneers in this manufacture, but we are glad to say we were *encouraged* at what we saw,

We found the Looms in running order, the rich and glossy Silk steadily rolling up its increasing folds as it is daily manufactured, for the *shuttle is at work now* constantly, and one of the Brothers is now on his travels among the growers of cocoons, making his arrangements for his supply for the manufactory.

We were very agreeably surprised when we saw the very large collection of Silk machinery of the best and most approved kind, there in the factory, ready to be put up just as soon as the plans are completed for large operations, enough machinery as Mr. Newman informs us, to employ one hundred and fifty persons in spinning.

After the original plans had been changed, and the former company dissolved, the land, 30 acres, and the building and present machinery, is now under control of the Newman Bros., and it is to be hoped that their plans may be wisely and successfully carried out, and by another year our citizens see the fruit of their labors more completely prosperous. Surely we wish them and the cause great success.

Fear is implanted in us as a preservative from evil; but its duty, like other passions, is not to overbear reason but to assist it, nor should it be suffered to tyrannize in the imagination, to raise phantoms of horror, or beset life with supernumerary distresses.

HAPPY FESTIVAL OF CHILDREN.

One of the happiest places to go to always, is to a group of "Little Children," especially when they are engaged in acting out the mimic life of Men and Women, for children will naturally put more of *truth* into *their* acting, than men and women. Christ said: "Suffer little children to come unto me, for of such is the Kingdom of Heaven." How well the "Blessed Saviour" knew where to find Sincerity, Truth and Innocence, and how well he *loved little children.*

How happy the words of Mrs. Lydia Maria Childs, "There are three, things of which we shall have an abundance in Heaven, Music, Flowers, and little Children." And who that has a loving, human heart, that has one spark only of Divinity about them, does not know and feel that to be surrounded with Music, Flowers, and *little Children*, does indeed make a little Heaven, always! We love Heaven,—and we have enjoyed one recently, and it was a little Heaven—of Happiness

It was our good fortune and pleasure to attend the exhibition of the *little pupils* of the private Academy of Mrs. Sutherland, on Taylor St, where for two evenings the able and accomplished Principal and Teacher, with their beautiful pupils, they enjoyed scenes of real pleasure surrounded by their Parents and Friends, who found (as their little ones acted out characters,) more real pleasure than is ever found elsewhere.

Mrs. Sutherland, their kind and indulgent teacher had arranged for them a "Pet Theatre" and there they had free scope to *act their part upon the Stage.*

The play was "Beauty and the Beast," and several of the characters were sustained with more grace than we have seen manifested by adults upin our City Theatres,

We give a brief sketch of the doings of this pleasant affair.

A Prologue was very prettily spoken by Miss. Mary Boyd, as an introductory.

FAIRIES

Queen of Roses,.....Miss. Minnie Lindea.
Red Rose,.....Miss Hela Mix.
Wild Rose.....
Pink Rose.....Miss Mamie Coghill.
Yellow Rose,.....Miss Mary Boyd
Zephyr, (Standard bearer).....Master Chauncey White.
Zephyr, (Grand Marshal).....Master Harry Linden.

MORTALS.

Beauty,.....Miss Miranda Rosenfield.
Dressalinda,.....Miss Flora White.
Marygolda,.....Miss Louisa King.
Sir Old Gate Pump,.....Miss Eva Waldron.
Beast, Prince Ozon,.....
John Quill,.....Master Charlie Linden.

Between the scenes there was several pieces of of music on the Piano.

Aqua Sorel Quadrilles, (duet.),—Airs from Norma, and the Bird Waltz, by Miss Ida Rosenfield, and Elfin Waltz, by Miss Flora White. The musical performances were highly creditable for such young pupils, and gave great pleasure and satisfaction to all present.

The character of the "Queen of Roses," was sustained in a superior manner by the beautiful little Queen, Minnie, She looked and acted a Fairy indeed, and the part of John Quill was performed by Master Charlie Linden, in a manner that would have won applause for full grown actors. The other actors did well and won much applause. "Hear my Prayer, was sung by Miss Ida Rosenfield very sweetly, and for so young a pupil, most admirably.

The whole scene was one of the highest gratification, and reflected the highest credit upon the accomplished Lady who had so carefully and kindly educated these happy children in this pleasant amusement, and admirably educated them in all their other studies which are connected with the school.

Parents who desire an excellent Private School for little ones should learn of this place on Taylor Street, Mrs. Sutherlands.

LAND RUINED BY SORRELL.

We have frequently letters addressed to us, and inquiries made of us personally, upon the subject of *Sorrell*, a noxious weed, or so considered by many which when it once gains the ascendency, will root out all other vegetation, and take complete possession of the soil, which well under the control of this pestiferous *weed*, becomes a barren or worthless waste, or what is the same, a sterile, acrid and useless plain, where nothing else will grow until this noxious sorrell is completely extirminated.

This sorrell comes upon the land like a *thief in the night*. It finds the sentinels off duty, and it takes possession of the premises, and like the thief takes all it can get, and when farmers see sorrell show itself upon their land and they fail to grapple with it and root it out at once, and *thoroughly too*, it will soon be master.

This sorrell makes it appearance whenever land has been long skined, or only plowed or cultivated a few inches deep. Such a cultivation or rather *skimming* the soil causes it to become *sour* and acrid, the alkali and sour substances filling the substratum, which becomes choked and clammy, and thus renders it full of all noxious liquids which, by reason of its compactness, has what in a human would be called a "sour stomach," and upon such a soil only noxious weeds, or grass that feeds on such food will ever grow, and it is upon such a soil this sorrell is found.

There is sometimes a local atmospheric cause for the spread of this offensive weed. Lands exposed to the saline mists from the sea, or from winds coming constantly from seaward; yet this never causes it so certainly as the system of poor cultivation.

The tears of beauty, are like light clouds floating over a heaven of stars, bedimming them for a moment that they may shine with greater lustre than before.

CALIFORNIA FRUIT.

Some time in November last, we packed for some friends, several boxes of Fruit of choice kinds, and also samples of some of the best wines of our State, to go to New York so as to reach there for *Christmas*. By last mail we received among our Exchanges, the Yonkers Statesman, which thus speaks of this fruit.

"A friend in San Francisco has been kind enough to forward us some specimens of fruit.

A long voyage of 24 days through the tropics, added to being landed here the cold day before Christmas, gave it a severe ordeal. It, notwithstanding, came out in fair order, and as far as tried proves of good flavor. Some of the large specimens are still to be seen at this office. The Black Pear of Worcester is immense. The largest measures 15 inches at the base, 20 inches over all, in height is 8 inches, and weighs three pounds. Leeds Bros. have made a cast of it.—The apples are fine specimens, particularly the Jemeliske and Yellow Pippin. There were also some fine specimens of Pomegranates, which are novelties in this section, not to mention some Wilson's old port from Lake Vineyard, of 1858; Catawba from Eldorado Wine Co., of 1864, and Isabella from Strenzel's celebrated Alhambra Vineyards. In another near we can look for Wine and Fruit, including the finest grapes and strawberries, in the greatest abundance, by the Union Pacific Railroad.

The Pears named above we had from the Mission of San Jose, from E. L. Beard, Esq., the same tree from which the famous 4 lb Pear was taken, and which we sent to Rev. Dr. Bellows, in 1864. The Apples were from the Orchard of B. F. Fox, Esq., of San Jose. The Pomegranates came from the Alhambra Gardens. We anticipate reports from other articles sent, soon.

The wines speak for themselves, and purer and better cannot be found in New York or elsewhere. We shall send them Fruit when the Railroad is finished, and such Fruit as they have never yet seen, for we shall not send it through the tropics, nor on a voyage of *twenty four days*, but leave off the twenty, and say four days, and as fresh as if from the Orchards of the Jerseys.—ED F.]

TAKING UP TREES.

The following relative to taking up trees for transplanting, accords with the views we have often expressed, but they cannot be repeated too often: they were given at a recent meeting of agriculturists at New Haven.

"An enormous amount of money is lost to tree purchasers from rude and unskillful taking up. Trees are often torn up by the roots, as if the trunk and branches were the one thing necessary, and the roots superfluous. The proper way is, to open a trench on each side of the tree with a common spade, *keeping the edge towards the tree*, so as not to cross a root. These trenches should be far enough from the tree to avoid the main roots, and deep enough to go below all except the tap root, which may be cut off. This being done, the tree may be pulled up with its roots entire."

[There is another very important thing for tree and plant purchasers to remember, and that is, never to buy such *things* of *Pedlars* or *stands* and *retail places* where they are exposed for sale, unless it be at the *agencies of the grower*, and where they can be had fresh from the nursery.

Many of the trees and plants, are exposed at these places for weeks before they are sold, and then the fibrous roots are so badly dried up, that *one half* of *them* will die, or if they live, never can be good vigorous and healthy plants.

Purchasers should go to *headquarters*, buy only of nurserymen direct, or of persons that by their experience can prove they understand their business. Ed F.

A GRAND SIDE OF LEATHER

California always *can* exhibit the largest and best products, and even if she does not actually produce them, they will find their way here for this is the place for all great and good things.

We were invited to call at the well known Saddlery Warehouse of Mess. Main and Winchester, to look at a side of leather, that was indeed *worth seeing*. It is true it was brought from the Empire State, but *this State* was where it could be fully appreciated, and for size, placed with our Big Trees, Mountains, and Waterfalls.

This side of Leather contained 135 square feet, the animal from which it was taken weighed 3,379 lbs. The Ox was raised in Orange County, New York, and created a great deal of interest, both alive, and by his hide afterwards, for this is believed to be the largest and heaviest hide ever tanned.

The warehouse of this well known firm is of itself a Museum of Importance to all who need Saddlery or Harness wares, for there is no establishment in the United States more complete, than that of Mess. Main and Winchester of our city.

THE SAN FRANCISCO HERALD.

We have received this Journal bearing upon its very front, the well known face of earlier days in San Francisco Journalism. The Herald looks in form and appearance and all its general phase, like the Herald" of long syne, only as we must say, *much improved.*

The Herald *now* professes to be an INDEPENDENT JOURNAL, and as such with its talented and accomplished Editor, it must and will be welcomed and patronized liberally, as its colums already show it will receive patronage and a liberal share of the buisness of our City and State. The general style, of the Herald, its excellent Typographical appearance, its well selected matter, and the able editorals of the Editor of whom it can be said without disparagament to the talents of others, one of the ablest Editors of our State, these united, must make the Herald a profitable and most acceptable Journal to all.

Most sincerely, do we wish success to the Herald, as it enters the arena for Public favor.

Plow deep while sluggards sleep.

Editor's Chair,

We call attention to the closing part of W[ashington's] ington's reply to Hon. John Sinclair comm[unication] last week. If the spirit of the Immortal Wa[shington] ton can look down upon our widely ex[tended] Territory, he would glory in our present [prosperity] ness. We shall soon continue more of Wa[shington's] ton's Letters.

The brief note from our Correspondent W. [illegible] D., of Eden Valley, shows how wide is the c[ultivation] tivation this year. It is but one of a thousa[nd] reports now coming from all quarters

We have more to say on "Sorrell" next wee[k] Several letters, and books, with parcels, receiv[ed] too late for us to notice this week.

We have a letter on Silk Culture from Mr. Bry[ant] ster which will appear next week.

CONTINUED RAINS.—CROAKERS.

What will the croakers about a "dry seas[on] do now for items? Wonder if they cannot chan[ge] their tune and say the rains will *rot the see[d] planted grains!* But no, this would not do, [for] such grain is. 6, 8. or 12 inches high, and beyo[nd] such a calamity, perhaps they can say, it w[ill] cause the grain to grow too rank, and it w[ill] lodge and not head out well, but this will not [do] as the very substantial growth at the present m[o]ment, indicates great health to the growing cr[op]. But what *can* these croakers do? We know [of] but one way for them to find relief, and that is[,] do as Judas did, who often betrayed, (for the croakers *have* betrayed the true interest of [the] grain-grower), they can go out and *hang the[m]selves*, for never have we known such wild, [false] and mad statements relative to the Grain Mar[ket] and the weather, as have been made by seve[ral] Journals, that *should have known better.* Can [the] Farmers forgive such betrayers?

CENTRAL PACIFIC RAIL ROAD.

The rapid advancement of this great enterpr[ise] to its completion, is awaking a remarkable deg[ree] of interest in all the Eastern States, and in E[u]rope, not only among a large class of emigran[ts] but also among the merchants, manufactur[ers] mechanics and commercial men generally.

By a reference to the Time Table of the s[ta]tions, along the line of this Rail Road, it w[ill] be seen how rapidly the lime is opening a va[st] extent of territory never yet before accessible [for] the purposes of settlement, land too of the be[st] quality, and tracts of country that tell in tho[usands] and millions of acres of soil that will produ[ce] more than the Gold fields of California.

THE STORM.—In our last week's issue it will recollected, that we called the attention of readers to the *weather*, and expressed our c[on]dence that *a storm was year*, We predicated [our] belief from our experience and observation, [that] had almost always found that three or four [such] warm and beautiful days, with the warm haz[y] atmosphere which was observed the last we[ek] and which every evening changed to a peculi[ar] cold and chilly air, that such weather was [al]riably followed by heavy rains, or by storm[s] some severity, and we then hinted to our reade[rs] that "they might look out for the storm," and [for] the heavy rains since, and the appearance no[w] we think before we again see clear weather of [any] duration, we shall have what will be admitted [to] be a *real storm.*

RAIL ROAD LANDS.

Those Emigrants, who arrive and want G[ood] LAND, with GOOD TITLE, and land that [will] certainly improve in value every year, sh[ould] by all means, go to the LAND office of the CEN[TRAL] PACIFIC, RAIL ROAD, at Sacramento, and see [the] *Maps* and charts of large and valuable tracts [now] for sale at liberal prices, and on liberal ter[ms] B. B. Redding, Esq. the selling agent of [the] company is always at the office, to explain [and] show purchasers the various tracts for sale [by] the company.

We know these lands must very steadily [im]prove in value, and that contiguous to the ro[ad] always offers a ready market, for all the *produ[ce]* that is offered, and that may be grown upon [the] land.

FAMILY GROCERIES.—We have occasionally call the attention of house-keepers to the well known establishment of Mess. Bowen & Broth[er] Family Grocers, on the Corner of Montgom[ery] and California Streets.

We now call the attention of families in [the] country to this establishment, and when they [in] this city they should by all means call and see [it] of the best and most complete assortments Family Stores, ever yet shown in the State.

Ira Collins is the owner of a farm in Sono[ma] county, California, which had suffered seriou[sly] from drought. Only by digging a very deep [well] a supply of water barely sufficient for the [use] the family could be obtained. Since the [earth] quake, however, the water has risen to the top [of] the well, and some sixty acres of land on the [farm] will have to be ditched and drained before a [crop] can be put in.

So says our eastern exchange, what say the Sonoma folks?

A Reading Community San Francisco may [be] said with truth to be a *reading community*, for [be]sides all the usual literary Books, its Libra[ries] &c, there are now published in the City, *Score and ten* newspapers and magazines, [or] one for every five hundred persons, babies [and] all.

The more we do, the more we can do; the [more] busy we are the more leisure we have, and the old maxim—"He hath no leisure who [does] not."

A thousand parties of pleasure do not [leave] recollection worth that of one good action.

Acknowledgements.

Books Received.—We have from K. P. Kidder, Esq., of Burlington, Vt., his new book, "The Secrets of Bee Keeping," being a practical treatise on "Bee Culture," and "Bee Management," and giving the natural history of the Bee—its Anatomy and Physiology, and the different species that constitute a colony. A valuable and truly practical little book.

Agricultural Reports.—We have from the Department at Washington, a parcel of the Agricultural Reports for 1866. This work is advancing every year in value and general interest. We shall soon receive copies of '67, for our friends and readers of the Farmer.

We acknowledge also letters of interest from Hon. Horace Capron, Commissioner, which shall have our best attention, and we shall look with interest for the promised parcels.

Publications Ahead. We acknowledge *advance proof sheets* of G. P. Rowell & Co's American Newspaper Directory. This will be a valuable work, containing a complete list of all the Newspapers published in the United States, together with Canada and the British Colonies. The work will contain from 3 to 400 pages, making a very valuable volume, and will be forwarded bound up in cloth handsomely, at $5 per volume. Messrs. G. P. Rowell & Co., are the most extensive Newspaper Advertising Agents in the United States.—Their Directory will also contain a list of all the Cities and Towns in all those regions where a Newspaper is published. This work will be invaluable, and we shall speak in detail the moment we receive the volume.

Missouri Agriculturist. We have received No. 1. Vol. 1. of the "Central Union Agriculturist", and "Missouri Valley Farmer," a monthly Journal of the same size and style of the American Agriculturist of Orange Judd & Co., save that it is not embellished with cuts like the latter, nor has it that superior style of the "Judd Monthly," yet it is a valuable publication and shows great merit as a Journal. We hope it will be duly esteemed and appreciated. It is published by Jeremiah Behm, who is Editor and Publisher.

Once a Month. This is a neat little volume of some two hundred pages. A new work just issued by T. S. Arthur & Son, Philadelphia. This may be properly called a Happy Magazine, full of all that class of stories that are not only interesting, and attractive; but of a good moral tendency.—Just what might have been expected of Arthur & Sons. The February number is most excellent, and we wish this new work complete success.

The "Starling Progressive Papers". This is a splendid work and by the subjects named, Man, Woman, Children, Angels, and the Globe, treats of things new and strange to many. Published by W. D. Reichner, Philadelphia.

The White Banner. This is another Journal of Progressive Philosophy. These publications seem to increase rapidly, and yet from all we can glean many valuable truths, for we *seek for Pearls*, always.

Report of the Surveyor General. We have received the volume of the Statistical Reports of the Surveyor General of California for 1867 for which we return our compliments.

We are indebted to A. C. Lawrence of Lawrenceville, for a parcel of the true *Concord Grape*, grown from the original stock he received from E. W. Bull Esq., of Concord, Mass, the *originator* of this most excellent grape. We return thanks for the parcel kindly sent us.

Agricultural Jokes.—The Ohio *Farmer* gets off the following:

Large horses are generally most admired by farmers; but farmers are most admired who *pony* up.

Prosperity is generally based upon knowledge and industry; the swine will always get most that *nose* most.

Farmers are like fowls; neither will get full crops without industry.

Because a man who attends a flock of sheep is a sheep-herd, makes it no reason that a man who keeps cows should be a *cow-ard*.

We like to see a farmer increase the growth of useful plants and shrubs around his home, but do not like to see him use rails, poles and boards to *prop-a gate* with,

---

The total amount of tobacco produced throughout the world is estimated as follows: Asia, 309,900,000; Europe, 281,844,500; America, 248, 280,,500; Africa, 24,300,600; Australia, 714, 000; making in all, 995,039,000 pounds.

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

31-1 Proprietor of the Auzerais House.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co.,

Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

Thornless Raspberries.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The Thornless raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. John Gage

From the American Horticultural Annual, for 1868 page 102:

"Davison's Thornless.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicates, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are propagated from tips, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety.

WARREN & Co.

Farmer Office 320 Clay street, San Francis

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

Farmer Office, 320 *Clay St.*, San Francisco.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of New Strawberries, Raspberries, Blackberries, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO

Farmer Office

Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry*, and *Strawberry*, we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Daviso Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

THE KIRBY LARGE MOWER.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

THIS MACHINE HAS NO EQUAL IN DIFFICULT CUTTING.

It has an INDEPENDENT ACTION by Means of a Joint in the Frame, instead of the Moving Bar, so that the Knife is always Kept in Line ith the Gearing.

It is Easy Draft for Two Horses, and can Cut Heavier LODGED GRAIN without Clogging than any other Machine on the Pacific Coast.

This Machine is the same as the Combined in every particular, only the Reaping Attachment is left off, and parties buying it can afterwards buy the whole or any part of the Reaping Apparatus from the Common Reel to the Self-Rake.

This large KIRBY MOWER is the only mower that has an independent action, and can use a reel when mowing, especially in windy weather. It can be bought as a Mower, with or without a reel.

In soft, sandy, sediment land, the lifter-wheel, on account of the narrowness of its rim, will sink in quite deeply. In this case a WIDE BAND should be provided and slipped on it, which will prevent the difficulty. The wheel as it is, will run very well on hard ground. These bands with all the Extra parts, will be kept Constantly on Hand, to supply all the calls of purchasers.

As a machine for clipping mustard, or cutting back grain that grows too fast, the Kirby Mower possesses advantages over all other Mowers from the fact that IT CAN CUT AT ANY HEIGHT from the ground, and work equally well and free under all circumstances

When you order EXTRAS for this Machine, always state the NUMBER ON THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose).

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINT of your guards LOW by means of the forward bolt in the pole where it bolts to the machine. IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL

Be sure to keep TLL THE NTTS TIGHT and the JOURNALS WELL OILED, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the JOINT TIGHT WHERE THE PITMAN CONNECTS WITH THE KNIFE, and then your machine will work well without trouble or expense.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the Anthrophotoscopic, or "Photoscopic Table," designed to give a Life effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group Families entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the Photoscopic Table at the corner of St. Marks Place, No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them. 32-1

New Currants.

THE GONDUIN RED.

Long Bunches, rich and delicious.

THE LA PALLEAU.

A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.

BLACK NAPLES.

Very fine for preserves and Jellies.

WHITE GRAPE.

A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental.

JAPAN LILLIES,

Rare Kinds ROSES,

GERANIUMS,

HELIOTROPES,

FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE.

BOUND VOLUMES FARMER.

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essays L. Prevost on Silk Culture, from early beginning.

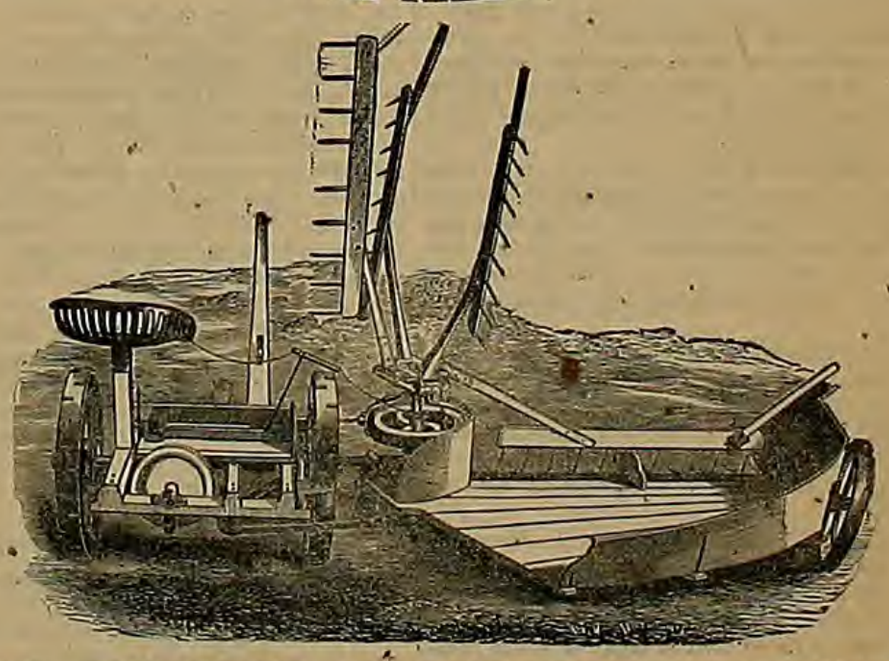
This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

M. C. HAWLEY & CO., 108 FRONT ST., SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK. SAN FRANCISCO. PORTLAND.



THE BUCKEYE IS THE BEST MOWER.

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER.

MARCUS C. HAWLEY & CO.,

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake off grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER.

ALSO, THE GENUINE

HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake,

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS,

And a COMPLETE STOCK of

Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.,

31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Home Miscellany.

I THINK OF THEE.'

I think of thee when Morning springs'
From Sleep, with plumage bathed in dew;
And like a young bird lifts her wings
Of gladness on the welkin blue.
And when at noon the breath of love
O'er flower and stream is wandering free,
And sent in music from the grove—
I think of thee—I think of thee!

I think of thee, when soft and wide
The evening spreads her robe of light,
And like a young and timid bride,
Sits blushing in the arms of Night.
And when the moon's sweet crescent springs
To light o'er heaven's deep, waveless sea,
And stars are forth like blessed things—
I think of thee—I think of thee!

INFLUENCE OF DIET UPON MOTHER'S MILK.

Dr. Subotin, of Petersburg, (*Vierteljahrschrft f. d. Prakt.* No· xxv., 1868), has instituted a series of experiments in regard to the influence of diet upon the quantity and quality of mother's milk, and his conclusions are as follows:

I. That the daily yield of milk is increased by animal food, and is diminished by a diet of vegetables. A marked diminution of the milk, and, when persisted in, an entire suppression, is shown when food of a fatty nature has been given only.

II. The relative proportions of the elements which compose the milk are influenced by the character of the food. The amount of solid matter is increased by an animal diet, and the fatty material is shown by this increase, The increase of these substances in the milk is absolute, not relative; animal food increases the daily amount of the milk secretion. There is scarcely as appreciable change of the proportion of the albuminous and saline ingredients. Bensch supposed that the saccharine matter of the milk was reduced by the use of an animal diet, but it is found not to be so. The experiments of Drs. Bensch, Playfair, and others, that the fatty constituents of the milk are increased by vegetable food, and by an animal diet diminished, are not confirmed by him. The solid properties of the milk, especially the butyracious, are but relatively increased, and at the same time a decrease in the sugar is shown.

III. From these observations it would seem that the fatty matter of the milk is created, for the most part, from albumen.—*Medical Record.*

CRIMINAL ABORTION.

It is not our purpose to write an article on the criminality of abortion, in a moral point of view. People may believe what they choose about future punishment for crimes committed in this world, and may use any sophistry that pleases them to prove to themselves that they will escape. What we are specially interested in is, that public opinion is fast coming up to the point—that the well being of society demands the enforcement of the laws against abortion,

There is not a State in the Union but what has passed laws punishing the offense with imprisonment in the penitentiary; but for many years these laws have not been enforced. Now, we are glad to say they are being enforced, and we believe it to be the duty of everyone to aid in this direction.

The temptation thrown in the way of the physician is sometimes very great, and to the young man who is struggling for a livelihood and for friends, it seems hard to resist, especially when his sympathies are appealed to. But it should be resisted, for only in obedience to right and law can permanent success be obtained.

Our old-school friends would like to throw the odium of the crime upon those they are pleased to term *irregulars*, but the facts are, that they furnish their due proportion to the list. What we want is a united effort for the arrest of the practice of abortion, and for the punishment of those who are guilty, without reference to school or creed.

These thoughts have been suggested by the recent conviction in our city, of one Dr· D· A. Ross, for producing an abortion upon the person of Georgianna Ridgeway. The sentence was seven years in the penitentiary, which, as he is now some sixty years old, is equivalent to sentence for life. —*Elec. Med. Journal.*

WHAT SHALL THAT BOY DO?—Who will tell? The boy who reads this, what will he do? When he becomes a man will he do manly things? Will he read and so be intelligent? Will he bring the powers of mind and body into exercise, and so be useful and healthful and strong? Will he pray and be pious, good—of a noble and virtuous soul? Will he write and so be graceful in speech, ready in communication, and of strong influence? Say my boy, what are you going to do? What you like to do now, you will be very likely to do by and by. Do you swear now? Do you cheat, deceive, lie, steal? Do you do dishonorable things? Are you disrespectful to, or do you disobey your parents and teachers? Remember the *boy* makes the *man*. *If the boy is bad, the man will be.* Fix it in your mind which way you will be.

How, like the shadow upon the dial. thought is ever returning to the place of beginning—where we first began to live, where we first began to love; to the homestead and the trysting-place, the playground and the grave yard!

DEAD LETTERS.

Of all the official work done at Washington none is regarded with more interest by the transient visitor than the Dead Letter Office. Here sit some fifteen or twenty gentlemen (for it is a fact disgraceful to humanity that females cannot be employed, so many obscene letters poison the mails) continually engaged in opening the four or five millions of letters that annually find their way there. More than 15,000 letters are daily emptied on their desks, asking to be opened. When the letter is found to have valuable contents, those contents are endorsed upon it, and the letter returned to the envelope. A record is made of all such letters, and they are at once returned to their writers, without return postage. So perfect are the arrangements that it is hardly possible that a valuable dead letter, which has once reached the office, should fail of revisiting the writer, if it is in the power of the department to discover him.

During the past year 36,000 letters; inclosing $141.234, were received at this office, and nearly 29,000 of them, containing $130,620, were restored to their owners. But besides those money letters, there were 21,000 dead letters, containing bills of exchange and other valuable matter, appraised at over $5,000,000; over 49,000 containing photographs, jewelry, etc., and 97,000 containing stamps and articles of small value; nearly all of them were returned to the original writers, and the reason why any of these letters fail of being returned is not the fault of the department but of the writers, who either send an unsigned, letter, or who will subscribe herself "your loving Susie," or "your affectionate Adie;" and as Government knows no first names, all such letters are consigned to the chopping box and then to the paper mill, to reappear as white paper.

Since writing thus far, I have once more visited the Dead Letter Office—a visit that always gives pleasure and gratifies curiosity· Here I saw clerks taking $500 a day out of the letters so profusely scattered over their desks, and among the various articles recently taken out of their envelopes I noticed the following: Slippers, valentines, a duck's head, thermometers, false teeth, pistols, mittens, fern leaves, false hair, laces, paper collars, epaulets, horns, pipes, watchcases, hoops, albums, dolls, (one of them two feet high; it must have required a monster envelope!) butterflies, mats, medicines, silver goblets of full size, ear-rings, butterknives, spoons, gold and silver watches, (very little gold or silver about them, however,) shells, purses, soap, sugar, tea, coffee, bows and arrows, books, pictures, a box of cigars, a bottle of Jamaica ginger, a squrrel's tail, prisms, combs, boxes, &c.—*Hours at Home.*

BOYS WHO SMOKE.

Dr. Decaisne, (*Bull. Gen. de Therap.*) in the conrse of investigations on the influence of tobacco on the circulation, has been struck with the large number of boys, aged from nine to fifteen years, who smoke; and has been led to inquire into the connection of this habit with impairment of the general health. He has observed 38 boys, aged from 9 to 15, who smoke more or less. Of these distinct symptoms were present in 27. In 22 there were various disorders of the circulation —*bruit de souffle* in the neck, palpitation, disorders of the digestion, slowness of intellect, and a more or less marked taste for strong drink. In 3, the pulse was intermittent. In 8, there was found on examination more or less marked dimunition of the red corpuscles; in 12, there was rather frequent epistaxis; 10 had disturbed sleep; and 4 had slight ulcerations of the mucus membrane of the mouth' which disappeared on ceasing from the use of tobacco for some days. In children who are very well nourished, the disorder was, in general less marked. As to the ages, 8 of the boys were from 9 to 15 years old; 10 from 15 to 16.—The duration of the habit of smoking was: in 11 from six months to a year; and in 16 more than two years. The ordinary treatment of anæmia in general produced no effect as long as the smoking was continued; but when this was desisted from, health was soon perfectly restored, if there were no organic disease.—*Brit. Med. Journal.*

"LOOK TO THE GOD OF YOUR FATHERS."

Henry Ward Beecher, in a recent sermon, discoursed thus in regard to the fair sex: "Maidens, look to the God of your fathers. If there be any one in this world who cannot afford not to be a Christian, it is a woman. If there be any one whose beauty fades as a flower, and whose grace needs the sustenance of the ineffable; if there be any one whose power is in beauty, in purity, in goodness, it is a woman. If there beany one more than another upon whom blight falls more rudely; if there be any one more than another who is more burdened with grief, or more wrung with sorrow, it is a woman that is not a Christian. The ladder between her soul and God is not half so long as that between our souls and God. God made woman to be better than man; and the perversion is in proportion when she is worse."

SILENT INFLUENCE.

Albert Barnes says:—"It is a bubbling stream that flows gentle; the little rivulet which runs day and night by the farm-house? that is useful, rather than the swollen flood or roaring cataract. Niagara excites our wonder, and we stand amazed at the power and greatness of God there, as he pours it from the hollow of his hand; but one Nigara is enough for the continent or the world, while the same world requires thousands and ten thousands of silver fountains, and gently flowing rivulets that water every farm and meadow, and every garden, and shall flow on every day and night, with their gentle, quiet beauty. So with the acts of our lives. It is not by great deeds, like those of the martyrs, that good is to be done, but by the daily and quiet virtues of life, the Christian temper, the good qualities of relatives and friends.

Home Correspondence.

CARPENTERIA, Santa Barbara County, Cal., Jan. 6, 1869.

To the Readers of the Farmer:

The old readers of the California *Farmer* will perceive that an old correspondent is addressing them. Now is the time to secure homes in Lower California. The emigration is large already, but can well afford to be larger. The climate is mild, soil rich and productive. Vegetables and fruit do well here, as do many kinds of grain. The Spaniards are plenty about here, but let Americans come in with plenty of money, and they will no doubt sell and be gone.

The land near San Louis Obispo presents a sad appearance, on account of the bones of animals that perished in the dry season; but it was a great blessing to the country to rid the land of so much stock that was useless. When a man will cultivate his land, and raise just a small surplus of stock, and keep those well, then he will benefit his race. There is not enough raised on the road from here to San Jose to supply the wants of the traveller. In many places there is not a fruit tree growing, and yet some of the inhabitants have lived there for years.

There are places well watered and timbered that might grow enough for home consumption, and some to spare; then the traveler or stranger coming to sojourn among them would be well supplied, and money would be plenty and more evenly distributed.

It grieves me when I see houses with nothing of beauty around them, and children playing in the sand· No wonder our population hate farming, and men go to the gaming table and saloons for comfort. But this is not what I want to say. It is, come, Eastern, Western, Northern and Southern friends, and make "Homes of Beauty" in California.

We need you, and you need us. ROSA.

LANDS DOWN SOUTH.

NEW TOWN· SAN DIEGO·
Jan'y. 13th 1869.

Dear, Friend Farmer. I seem almost ashamed to write you after such a time has elapsed since I left Town, but you compell me by your kindness remiting me the paper for which receive my best thanks. And now for my reasons and excuses for not writing ere this. First for some time after my arrival I was sick. Secondly I have not been able to get a place to suit me, the farmings lands here being in patches and grants, which are mostly held by Speculators at which we considér very high prices, so I have been following my old occupation. Still I will now try and fill up this letter with as much matter as I can.

San Diego is favored with, I think, the finest climate that man can desire. Its harbor is beautiful to behold, perfectly land-locked. The back country is hilly and mountainous, many gulches and canons, and here and there a valley, The Cohn Ranch or Grant being the largest, said to contain some 100,000 acres. This is held by Speculators at prices varying from 'good to bad 5. 10. and 20 dollars per acre. The next large Grant is held by Kimball, & Bro's of your Town. He has some six or seven miles lying along the Bay but how far back I cannot tell. That part near the water he has cut up into small lots, five, ten acre & the ten acre lots he ask 250$ for, this grant is some five miles from the New Town, the Cohn about 18 miles. The mission valley land are good and I hear soon to be sold. This climate will grow anything but the soil I think mostly light and I fear poor, the dry seasons I think to· make failures as there is no water for errigation. We have two Towns one the old, the other new. The New Town lies directly opposite the Bay gently sloping to the water, the pleasantest site I ever saw. It is being built up as fast as lumber can be procured, each steamer bringing us an increase of population, some for health, some for work or business, and some in search of homes. We have no fogs nor winds. I wish I could get some lands to plant the seeds, then I think I could tell you something extra, but now my thoughts have all run out, and I must close. With kind regards, I am

Yours truly,
W. G. G.

SOUND SLEEP.

Any man who can bound out of bed as soon as he wakes of a mid-winter's morning is worth something; no fear of his not making his way through the world creditably, because he has the elements of a promptitude. decision and energy, which guarantee success. To invalids we make a comfortable suggestion worth knowing. If you have force of will enough to keep you from taking a second nap—and it is the "*second nap*" which makes its baneful influence felt on multitudes—it is better for you to lie awhile and think about it, until that feeling of weariness passes out of the limbs which you so commonly feel. But to sleep soundly, and to feel rested and refreshed when you wake up of a morning, four things are essential—

1. Go to bed with feet thoroughly dry and warm.

2. Take nothing for supper but some cold bread and butter and a single cup of weak warm tea of any kind.

3. Avoid over fatigue of body.

4. For the hour preceding bedtime, dismiss every engrossing anbject from the mind, and let it be employed about something soothing and enlivening in cheerful thankfulness.

—*Hall's Journal of Health.*

RUSSIA· with an eye to the health of the rising generation, forbids the manufacture or sale of colored sweetmeats. If every nation should do the same there would not be recorded *one third of the deaths of little children under five years.*

A thousand parties of pleasure do not leave a recollection worth that of one good action.

Santa Clara College, S. J.

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Miscellany.

GONE! GONE! GONE!

A DIRGE FOR ONE BELIEVED DEAD.

Gone—gone—gone—
Gone to his dreamless sleep!
And spirits of the brave,
Watching o'er his lone grave,
Weep—weep— weep.

* * * * *

Mourn—mourn—mourn,
Mother, to sorrow long wed!
For o'er the mighty deep,
Where the brave coldly sleep,
Thy warrior son lies dead.

Lone—lone—lone,
In thine own far Island home,
Ere thy life's task is done,
Oft with the setting sun,
O'er the sea thy thoughts will roam.

* * * * *

Sound—sound—sound,
The trumpet, while the thousands die!
Madly forcing his way,
Through the blood-dashing spray,
He beareth our banner on high!

Woe—woe—woe!
Like a thought he has sunk to rest.
Slow they bear him away,
In stern martial array,
The flag and the sword on his breast.
High—high—high
High in the temple of fame,
The poet's fadeless wreath,
And the soldier's sheath
Are engraven above his name.

Long—long—long,
As time to the earth shall belong,
The sad wind o'er the surge,
Shall chant a mournful dirge,
To this peerless child of song.

Gone—gone—gone!
Gone to his dreamless sleep;
And spirits of the brave,
Watching o'er his lone grave,
Weep—weep—weep.

THE ORIGINATOR OF CHAMPAGNE.

Notwithstanding its great celebrity, champagne is the youngest as well as the liviest of wines.—As you journey from Strasbourg to Paris, you pass within a mile of Reims, the little village of Hautvillers standing above the vine-clad hills of Marme. Here is an ancient monestary, in which lived a joyous monk, Don Perignon by name, who, one hundred and fifty years ago gave the world the invention of champagne. On account of his many virtues, in which an accurate taste and a clear head were conspicuous, he took charge of the broad sunny vineyards of the abbey, and had the control of the cellers of the establishment.

Even as a blind old man, his taste distinguished between different kinds of grapes, and, according to an old chronicle, he would give wise instruction concerning them, saying: "that the wine of one grape must be married by the wine of another." His powerful mind also conceived the happy idea that the insertion of a cork in a bottle might more effectually answer the purpose which had hitherto been obtained by the primative stopper of a bunch of flax soaked in oil. He had already raised the vinous renown of his monestary to a great height, when by a lucky chance, he hit upon the invention of the effervessing wine known as champagne. The jovial monks kept the secret as long as they could, but at length it transpired, and the new wine in due course adorned the suppers of the Regent and Louis Quinze.

THE SUN.—The announcement has just been made to the Royal Astronomical Society of England of the discovery, by means of the spectroscope, of a hitherto unknown envelope of gaseous matter surrounding that body, of a thickness of seven or eight thousand miles. Its precise composition has not yet been determined, but will, probably, before long, be ascertained. At the same time, Mr. Huggins, who has made so many important discoveries in reference to the composition of the heavenly bodies, by means of the spectroscope. presented a communication stating that, at least one comet contains carbon in a state of ignition.

A VALUABLE LIBRARY of books in reference to the history of the Pacific Coast of the United States, it is reported, has for the last three years been in the course of formation by a gentleman of San Francisco. The history of the Early Discovery of Upper and Lower California, Western Mexico. Oregon, British Columbia and Alaska is amply supplied by works in English, French, Spanish and German. The collection numbers over three thousand volumes, and is said to be the largest and best in the world.

POINTS OF A GOOD COW.

She's long in her face, she's fine in her horn,
She'll quickly get fat without cake or corn,
She's clean in her jaw, and full in her chine,
She's heavy in flank and wide in her loin.

She's broad in her rib, and long in her rump,
A straight and flat back, with never a hump;
She's wide in her hips, and calm in her eyes,
She's fine in her shoulders and thin in her thighs.

She's light in her neck, and small in her tail,
She's wide in her breast, and good at the pail,
She's fine in her bone, and silky of skin,
She's a grazier's without, and a butcher' swithin.

A NEW CATTLE DISEASE.—A new cattle disease has appeared in England. The symptoms are dulness, increasing to extreme prostration, difficult breathing, small and frequent evacuations, colorless urine, membrane of the mouth discolored and ulcerated as in the cattle plague, pulse weak but not rapid, and the temperature does not rise. The disease is not inflamatory, and post mortem examinations show that the blood has been poisoned.

AGRICULTURAL COLLEGES.

We give the following list of Agricultural colleges in this country which receive aid from the Government grants, their present condition, location, endowment, number of pupils, course of instruction, expense of tuition, etc.

Sheffield Scientific School of Yale College, at New Haven, Conn.—Acres, scrip, 180,000; endowment $160,000; pupils, 1867-9, 130; cost of tuition per annum, $125, and $75 for chemical apparatus; time, three years. Course of study—English, chemistry, mechanics, civil engineering, mining and metallurgy, agriculture, natural history and geology, French and German, etc. Number of volumes in the Library, 73,000.

Agricultural College, Amherst, Mass.—Acres, scrip, 360,000; endowment, $116,000; cost of tuition per annum, $36; time, four years. Course of study—Algebra, geometry, anatomy, botany, French, German, agriculture, chemistry, horticulture, philosophy, etc.

Institute of Technology, Boston, Mass. Endowment, $480,000; pupils 1867-8, 170; time, four years. Course of study—English, mathematics, chemistry, astronomy, surveying; modern languages, mechanical engineering, building and architecture, science, literature and tactics.

College of Agriculture and mechanic arts, Hanover, N. H—Acres, scrip, 150,000; endowment, $80,000; time, four years. Course of study—various branches of applied science.

University and State Agricultural College, Burlington, Vt.—Acres, scrip, 150,000; cost of tuition, $15 per term, $40 for chemical apparatus; time, three or four years. Course of study—Algebra. chemistry, drawing, French, German, natural history, minerals, metallurgy, and engineering.

College of Agriculture and the Mechanical Arts. Orono, Me—Acres, scrip, 210,000; endowment, $104,500. Course of study—Marine Architecture; etc.

Scientific Department of Brown University, Providence, R. I.—Acres, Scrip, 120,000; endowment $50,000. Opened Sept. 1., 1868.

Agricultural College, Cornell University, Ithica N. Y.—Acres, scrip, 990,000; endowments, $1,000,000; not opened; cost of tuition per annum, $30; time, four years. Course of study—Agriculture, mechanic arts, civil engineering, military engineering and tactics. mining and practical geology, history, social and political science, modern and ancient languages.

Agricultural College, Centre county, Penn.—Acres, scrip, 820,000; endowment $286,000; cost of tuition per annum, $50, and board $80. Course of study—General science, agriculture, mechanical and civil engineering, metallurgy, minerology, mining, literature, military instruction.

Agricultural college, near Lansing, Mich.—Acres, scrip, 240,000; pupils, 1867-8, 97; cost of tuition per annum, $20, and board $150. Course of study,—English, mathematics, agriculture, literature, natural history, physics, rhetoric, civil engineering, landscape gardening, philosophy, French.

Agricultural College. Prince George County, Md—Acres, scrip, 210,000; endowment, $101,253; pupils, 1867-8, 11; cost of tuition per annum, $75, and board $225. Course of study—Chemistry, natural philosophy, physical geography, minerology, geology, ancient and modern languages, agriculture, mathematics. Number of volumes in the Library, 1,600.

College of Arts, State University, Madison, Wis.—Acres, scrip, 286,000; endowment, $300,000; cost of tuition per annum, $24. Course of study—Mathematics. German, French, Latin, rhetoric, horticulture, astronomy, logic, and theology.

Agricultural College, Morgantown, Va.—Acres, scrip, 150,000; endowment, $137,046; pupils, 1867-8, 138.

State Agricultural and Mechanical Arts College, New Brunswick, N. J.—Acres, scrip, 210,000; pupils 1867-3, 26; cost of tuition per annum, $83, and $15. Course of study—Civil engineering and mechanics' chemistry, agriculture, architecture, natural history, astronomy and navigation, French and German.

Agricultural and Mechanical College, Lexington, Ky.—Acres, scrip, 330,000; endowment, $164,960; pupils 1967-8 190; cost of tuition per annum, 300 free, others $30. Course of study—English, French, Spanish, German, Italian; other departments as above not commenced, no detril given.

State Agricultural College, Manhattan, Kansas. Acres, scrip, 90,000; endowment, $500,000. Free except melodeon and piano; board $4. Course of study—Classics, agriculture, military tactics, mechanics.

State Industrial University, Ill.—Acres, scrip, 470,000; cost of tuition per annum $20. Course of study—Agriculture and science, as above.

"Circular of the Illinois Industrial University." We learn from this Circular that this Institute opened its doors for the first annual course of Agricultural Lectures and Discussions January 12th, to continue four days each, of two weeks. To this course *no charge* is made; the course is free. It will be one of the highest interest. The Institution is prosperous.

Agricultural, Mining and Mechanical Arts College, Oakland, Cal.—Acres, scrip, 150,000. Not commenced, no detail given.

IN FRANCE a steam carriage for towing boats and barges in rivers and on canals has been invented. It was tried a few days back on the River Oise' and was found to answer perfectly. Running on the towing paths, it makes both ascents and decents, and turns as easily as horses do.

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The Cheapest, Simplest, and most Durable Pump in the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

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LINFORTH, KELLOGG & RAIL,

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Nos 3 and 5 Front street, San Francisco.

[30-6 3m]

Farmers, Attention!

Flax-Seed a Castor Oil Beans Wanted.

We want 1500 Tons ax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,

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Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print our next issue on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

Insurance.

PACIFIC

INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL.....$750,000 00
SURPLUS, July 1st..... 363,862 82
CASH ASSETS.....$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE

OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Selligman, L. B. Benchley, Wm Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hanssmann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.
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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market. an see that their trade mark,

H.&L.,

upon the red cover of the package

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. This three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

anufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.

Alcohol, Turpentine, Lamp Stock of all kinds

Gasoline, gravity 84.

Naptha, gravity 63 and 71.

Also Grant's Candles, [illegible]

30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by Editor Farmer.]

San Francisco, January 22.

Grain, &c

The Grain Market this week must surely convince our grain growers that *low rates* must now rule for a long time to come.

The *low rates* in Europe, and the *low rates* in New York, and in every market abroad, should most assuredly be satisfactory evidence that the *day of high rates* is past for this State. When we say the day of high rates is past, we mean 2c. 2½c. and 3c., for these rates have been *fictitious*. Often it was the result of speculation, and many that paid these rates were *loosers*, as have been those who, the present year, have paid 1,85 to $2,00 per cental, as the returns of shipments now coming on will fully prove, and we mistake very much, if we do not see and hear of *several* who will wish they had never been *let into the ring of Speculators*.

Grain growing in California is now assuming a *gigantic attitude*, and it will be carried on in a more systematic and strictly business way than ever before. The growing of Wheat particularly, will be made a matter of dollars and cents, and the business will be conducted in the same manner as other branches of business. It will be *figured down to a dot*,—men will engage in Grain growing systematically and will see *how low it can be raised*, and go to work to grow wheat, and put it on the market when grown, and sell it at the then ruling rates. Their plan will be *to sell*, get the best rates they can at *harvest*, and pocket the profits, whatever they may be.

There can be no question but this will be the case, for California is bound to be the *Granary of the World*. California is bound to be the Baltic and the Bosphorus of the World, and when the Central Pacific Rail Road shall be completed, and the great "Humbolt" country is opened up with its millions of acres of wheat lands, and these are added to the sixty millions of *California lands not yet cultivated*, wheat growing will then be a business that no man of the present year can dream of, for the Steam Plow and the Steam Power to harvest and clean our grain, will show that California Wheat can be raised and placed ready for market, not only at the low price of 25c. per bushel, as stated by the well known Amasa Walker of Massachusetts, but it can and will be grown at a cost of *one bit per bushel*, as the *actual* cost of plowing and planting and harvesting the same, and added to this the cost of sacks, interest on land, etc, *twenty five cents*, will be the outside cost of raising wheat in California, by those who thoroughly understand the raising of wheat on a large scale, as the business will be conducted in future years for shipping purposes.

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 65	@	1 75
Barley, ₱ 100 lbs	2 15	@	2 35
Rye ₱ 100 lbs	3 00	@	3 50
Oats, California, ₱ 100 lbs	2 10	@	2 25
Corn ₱ 100 lbs		@	1 80
Flour, Superfine, ₱ bbl	4 25	@	5 00
do Extra	5 00	@	5 75
Oregon Superfine	4 25	@	5 00
do Extra for shipping	5 00	@	5 50
Corn Meal, ₱ 100 lbs	3 00	@	3 75
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	22 00	@	25 00
Middlings ₱ ton	30 00	@	35 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	500	@	7 50
Potatoes	65	@	85
do sweet	1 50	@	2 00
Onions	2 50	@	3 75
Hay, ₱ ton, extra	13 00	@	18 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Retail Prices in the Fruit Market.

During the past week we have had little or nothing in our Fruit department to tempt the appetite beyond a few rosy cheeked Apples, and is has been difficult to make up a respectable dessert to place before our friends. Well may strangers who are continually arriving say how is this? The Garden of the World not producing a greater variety of fruit, and not having a better supply the year throughout. Our eastern folks will soon outstrip our Orchardists, unless a little more caution is taken in the selection of the best varieties of Fruits.

Apples, ₱ box	1 50	@	3 00
Pears, ₱ lb	5	@	15
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh	12	@	25
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	25
Strawberries, ₱ lb	—	@	—
Raspberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	50	@	75
Oranges, ₱ c	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	3 00

Retail Prices in the Vegetable Market.

Vegetables alone seem to be improved with the wet season, sometimes not in appearances, but in quality. During the last few days almost every variety of salad and vegetables has become more crisp and palatable, more particularly Celery and Cabages, the former being the best of salads, and the latter one of the most useful and favorite vegetables, and in this climate a few hours very materially changes the nature of a vegetable.

Asparagus, ₱ lb	75	@	1 00
Artichokes, (Fr.) ₱ doz	25	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	35
Broccoli, ₱ doz	1 50	@	2 00
Cauliflower, ₱ doz	1 50	@	2 00
Cabbage, ₱ doz	1 00	@	1 50
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz		@	—
Cranberries, ₱ gall	1 25	@	2 00
do eastern, ₱ gall		@	2 00
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new	15	@	25
Green Peas, ₱ lb	—	@	—
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb	15	@	25
do cultivated	50	@	75
Onions, ₱ lb	6	@	8
Horseradish	20	@	30
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 50	@	—
do Sweet	4	@	6
do do new	6	@	8
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley	25	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	—
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	10	@	15
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	8
do Hubbard	3	@	5
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	50
Salsify, ₱ bunch	25	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	6	@	8

Fish

Our Fish market has been but poorly supplied with Fish of first-class quality during the past week. It is true Herrings have been pretty abundant, so also Smelts. Sea Bass and Lobsters none, which of course, is something strange at this period of the year. Sea Bass we always have considered the staple variety during the winter months, but this season matters have changed. Salmon is a trifle lower in price, in consequence of their being a better supply.

Salmon, ₱ lb	—	@	15
do smoked, new	8	@	12½
do pickled, ₱ b	—	@	8
do do ₱ lb	5	@	6
Salmon Trout ₱ lb	—	@	—
Smelts	—	@	10
Perch	—	@	10
Rockfish	—	@	—
Codfish, dry	—	@	10
Herring, fresh	1 00	@	—
do smoked	—	@	—
Tomcod	—	@	20
Sardines, fresh	—	@	—
Soleifish	—	@	25
Crabs large ₱ doz	—	@	1 50
do small	25	@	50
do soft	—	@	50
Terrapin, ₱ doz	5 00	@	6 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	10
Flounders	20	@	—
Sea Bass	—	@	—
Halibut, rare	—	@	—
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

Poultry and Game.

The late rainy weather has had a wonderful effect on the wholesale prices in this department. We presume it is in consequence of the roads being overflooded, consequently communication with our markets is in a great measure intercepted. There is a good chance now for our Ranchmen to make a few extra dollars.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 25
do Canvas-back	1 00	@	—
do Mallard	75	@	1 25
do Teal, ₱ doz	2 00	@	3 00
Geese, wild, ₱ pair	1 00	@	—
do tame	1 75	@	2 00
Chickens, each	75	@	1 00
Turkeys, ₱ lb	20	@	22
Hens, each	75	@	1 00
Snipe, ₱ doz	..	@	2 00
do English	2 00	@	—
Venison, ₱ lb		@	—
Quails, ₱ doz	1 50	@	1 75
Pigeons, domestic, ₱ doz	1 50	@	2 00
do wild	1 50	@	2 00
Hares, each	25	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

Poultry and Game—Wholesale Prices.

Hens, ₱ doz	9 00	@	9 50
Spring Chickens	9 00	@	9 50
Turkeys, ₱ lb	20	@	
Ducks, tame, per doz	90	@	
do wild,	2 00	@	4 00
do Mallard	—	@	—
Geese, tame, per pair		@	3 50
do wild	4 00	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	1 50	@	—

Meats.

The wholesale prices in our Meat market have also been improved in consequence of the roads being so difficult for traveling purposes, consequently cattle that are in prime order for the Knife makes but slow progress on rough, heavy and soft roads.

Beef, tenderloin, ₱ lb	15	@	25
do sirloin and rib pieces	15	@	20
do corned	—	@	12
do smoked	—	@	10
Pork, rib, etc., ₱ lb	10	@	15
do chops	10	@	15
Veal, ₱ lb	12	@	20
do cutlet	—	@	15
Mutton, chops, ₱ lb	10	@	15
do leg	10	@	15
Lamb, ₱ lb	12	@	18
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	26
do Oregon	—	@	—
do imported	—	@	—
Beef tongues, each	62	@	75
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured	37	@	

Dairy—Butter, Cheese, Eggs etc.

Prices have altered materially in consequence of the heavy fall of rain, which, in a very great measure, checks the communication from outside Ranches with our markets. We would recommend our retailers to adopt some means of preserving eggs &c, for a few days or weeks, so as to retain their freshness. Their are many recipes if properly carried out, must pay well for the extra trouble.

Butter, California, ₱ lb (Fresh)	55	@	65
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	—	@	65
Eggs, California, ₱ doz	—	@	55
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Ham and Bacon	—	@	20
Vermont Maple Sugar ₱ lb	—	@	30

Butter, Cheese, etc.—Wholesale

Butter, California, ₱ lb	50	@	55
do do packed	—	@	—
do Eastern (new)	—	@	40
Eggs, ₱ doz	—	@	60
Lard, ₱ lb	13	@	14
Hams, ₱ lb	16	@	17
Bacon	16	@	17
Cheese, California	18	@	20
do eastern	—	@	22½

San Francisco Cattle Market.

Average Slaughterers Prices

L. Miller & Co.

Beef—American, 1st quality, 11½@ 12½c ₱ lb
do. 2d do. 8@10c..
Mutton—10@11c ₱ lb. Lamb— @12c.
Pork—undressed, —@5½c; dressed, 7@8c.
Veal—10@13c ₱ lb.

Wool, Tallow, Hides etc.

Wool, best fall clip	16@18½
Medium	12@15
do burry	10@12
Wool-sacks, new	75@80
do second-hand	40c@50
Dry hides, ₱ lb	15@16
Green salted, ₱ lb	7@7½
Sheep skins, wool on	30@50
do do plain	12@25
Goat skins, each	25@50
Refined Tallow	8@8¼

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.
Huron, Erie Co., Ohio.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. A. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

Jan. 14—MONTANA, Capt. A. West, connecting with RISING STAR, Capt King.

Jan. 22—CONSTITUTION, Capt. Wm. H. Hudson, connecting with HENRY CHAUNCEY, Capt. Conner.

Jan. 30—GOLDEN CITY, Capt. Wm. F. Lapidge, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock, noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, until further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger trains will leave Sacramento at 6:30 A. M. Colfax at 9:50 A. M., Reno at 4:14 P. M., Winnemucca at at 3:20 A. M., and arrives at Argenti at 8:25 A. M.

Going West.

Passenger train leaves Argenti at 10:10 A. M., Winnemucca at 3:20 P. M., Reno at 3:40 A. M., Colfax at 9:50 A. M., arriving at Sacramento at 1 P. M.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points n Idaho Territory.

And at Argenti with Overland Stages for Austin, Salt Lake City, and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times. Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

THE NAPA HOTEL,

CORNER FIRST AND MAIN STREETS,

Napa City.

THIS HOTEL HAS BEEN MUCH ENLARGED d improved, and can now offer superior advantages the Traveller or Permanent Boarder who desires a omfortable, quiet, cleanly home.

Particular pains have been taken by the Proprietor to make this Hotel airy and healthy, so that his patrons may enjoy themselves.

Travelers to the Geysers, Calistoga, and the beautiful country around, will find at this Hotel every facility, by reason of its convenience to the railway cars, stages, etc, while Horses, Carriages, etc., are at command at a moment's notice.

☞ Public patronage respectfully solicited.

18 JOHN HOGAN, Proprietor.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine 'Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuges now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take neither Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, PA.,

DR. M'LANE'S CELEBRATED LIVER PILLS,

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER or BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physican, requires that some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the power of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance to human health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindictive feelings and Passions from trifling and inadequate causes of which we afterwards feel ashamed; last, though not least, more than three-fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a sinfulness of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercises would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everything. Several of the above symptoms attend the disease; but cases have occurred when few of them existed yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging simply is necessary. As an anti-bilious purgative they are inferior to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult, the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous train of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. Even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed, with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure or livid circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or foul tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently streaked with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water on morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows:—McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

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REMARKS ON HYBRIDIZATION.

BY HON. MARSHALL P. WILDER, PRESIDENT OF AMERICAN POMOLOGICAL SOCIETY.

Impressed by the remark of Dr. Lindley, quoted in my article on hybridization, may we not say, how vast and grand is the domain of nature? The very thought of it is overwhelming; and when we consider the undefined and possible powers of the human mind, who shall set bounds to what can be accomplished by the hand of man in the cross-fertilization and improvement of plants?

Starting from a standpoint that all organized beings are resolvable to a few simple forms, it is impossible, with our present state of knowledge or of facts, to define the precise limits where an expression of nature begins or ends, so that what naturalists have called genera and species are but dictionary terms, which enables us to classify them in some convenient manner for the study and invention of the human mind. Botanists have so ingeniously arranged species and genera as to furnish an almost entire series of forms, from the original to its most outward semblance and have, not unfrequently attempted to supply a lost link which science had failed to discover. Thus we endeavor to give a description of those variations in the plant world, which are so constantly coming to our notice under cultivation or *domestication.*

Plants which seem, in a sexual sense, to be repugnant to each other, may be brought closer by changing effects of culture, produced by artificial soils, temperature and moisture; so much so, as to alter the size, structure, seed, and character of the plant. These deviations sometimes appear like distinct and new creations; and, although they may sometimes be traced back to a common type, they are evidences of what can be done by the hand of man.

Although not in connection with hybridization, we may note, in support of what I have written, that the effects of this culture are seen in the innumerable new plants derived from sports—being no more or less than the results of unnatural or uncongenial culture. Thus we have other sports of plants made into varieties by "fixing the graft"—that is, grafting off the sporting branches, and thus perpetuating it.

And, just here, let me say, that these sports or aberrations, when grafted off, become less liable to sport again than the flowers of the mother plant. In those sports taken from the Camellia Mrs. Abby Wilder, I have two self colored sports which have, by this process of grafting, become true and permanent varieties. Although the flowers of the mother plant are white, with a pink stripe, one of the sports thus taken off (Grace Sherwin Wilder), is a deep blush, several shades darker than Camellia Lady Hume; the other (Abbie Tryphosa Wilder) is of a clear pure rose color, and both are as perfect in form as the old Double white, and as true and persistent in color, not having varied at all during a period of more than ten years.

And what may we not expect, in the way of aberration, in structure, color, etc. Who would have thought that, from the single Scarlet Pelargonium, we should have derived the new double d. Gloire de Nancy? Or that, after twenty years' trial, the Pelargonium hederæfolium at last consented to be impregnated with P. zonale?

From such incidents, and there are many, it may not be deemed rash or visionary to have tried the Gloriosa superba on the Lilium lancifolium.

Home Correspondence.

FROM A VALUED CORRESPONDENT.

From the Silver Country.

White Pine, Feb., 1st 1869.

Col Warren, Dear Sir:—In Vol xxxi, No 1, of the Farmer, you ask your friends and patrons to" review this Number One of your Sixteenth years labor, and *tell* you if you have faltered in your efforts" etc. As I am too far away to give an oral response to your very appropriate request, permit me to put my thoughts and opinions on paper, the Farmer requires no puffing," at this present day, to reccommend it to an enlightened public. That it long since attained a first class reputation among the Journals of the Pacific Coast, and as an Agricultural paper is second to none published in the older states, is a fact too well established to need any flattering encomiums at the hands of its patrons or correspondents, I trust many will express the pleasure and the profit they have derived from its columns, and say "well done" if that were necessary to its encouragement, and farther progress, I well remember it, as it was fifteen years ago, when, neither Editor, nor reader," hardly dared hope for it the long life it has lived."

Is there any one Journal on the Pacific Coast that can boast of having, neither changed hands, nor Editors, in all these years? I think not! And the patrons of to day will rejoice to know that the trials and difficulties incident to a Pioneer Journal, have passed away and remembered only as a troubled dream. The Farmer never stood so high, or enjoyed a more enviable position than now Though mainly devoted to the Agricultural interests of California, there is scarcely a class of individuals that *may* not be benefited by it. Its Literary Department embraces choice selections from the old and modern writers, and many really good things from original correspondents. His numerous subscribers will congratulate Col. Warren that his new volume is commenced under such favorable auspices and wish for his paper on its sweet sixteenth birth day, many years of prosperity.

I am a little surprised to see that the Farmer speaks of this great Eldorado! as a *cold sterile region* void of any comforts or pleasures. That was a good hit though, that you gave the Editor of the San Jose Mercury. It is true the rooms are a little *crowded* here and *one* bed is made to hold a dozen, but for creature comforts there is no lack, Talk about the cold weather,! why its perfectly splendid, now if you were here, we could treat you to a capital sleigh ride, or you might go on a coasting frolic with boys and girls of larger growth. Think of that, when you are enveloped in a cloud of agueish fog, or shaking in your boots, with fear. Earthquakes; we have no very extensive Libraries as yet, but Newspapers and Magazines without stint. The Bay-papers and the Sac. Union, are liberally patronized, read, and reread until worn out. One of the most interesting features in the Union, is the letters of "Ridinghood." Dear little Ridinghood, hope she will excuse the word *dear* but it just slipped from the nib of my pen before I knew it. Strangers as we are, I admire her writings, and through them, have ventured to admire her. I imagine her to be one of those dear domestic bodies, whom I would like to know better. One, whom I would like to draw my chair close beside, and have a long social chat with; about things past, present and to come, we would not talk of White Pine," "chlorides," "sulphurets," "dips,"," "drifts," or any of that *nonsense*, of which she complains of hearing too much already, and with which one here soon becomes satiated. But I imagine one would have to live as secluded from the world, as did "Undine" with the same old anchorite for protection, on a lonely Isle far away in mid Ocean, not to hear of White Pine. The men on change, talk it, the women in the parlors, talk it, The boys in the street talk it, and are forever "loading for." White Pine." The little urchins on the carpet are piling up freight, and filling their miniature wagons with all sorts of rubbish, and make believe passengers, and shouting "hurrah for White Pine," If the little go cart happens to topple over, with excess of baggage or passengers, one will exclaim "There I told you so, if we played going to White Pine," And so it will be, I presume, for years to come. The great Mecca of the western world!

Yes, there is something in a name" and the charming *nome de plume* behind which she hides her real name, so gracefully and so persistently makes us in spite of our modesty wish to know more of the little "Ridinghood," whose letters, help to while away many an hour which might be spent less profitably. They have lighted up the old cabins, and like the lamp of the Genii irradiates all upon which their beams fall, making every thing look beautiful and golden. Her pen so wonderfully adapted to "descriptive pelces," gave such a glowing account of the christmas carol, of the ten thousand young bugleists, tooting their horns, each on a different key, and the serenading of old John, until he was obliged to shut up shop, that I'm half inclined to allude (incidentally) to the *horns* indulged in, on that day in Treasure City. But after due deliberation, have concluded to defer a description of that part of our holiday festivities. In one of her little sketches she says she "wishes some of those White Pine millionaires were obliged to give her *just one foot* in some of their rich mines. Tell her for me please, that there is many a lone miner away up here in this great Babel, who would, with the greatest pleasure give her *two feet*-provided she would not object to a few small incumbrances, as part and parcel thereof. For instance two toil hardened hands, a warm honest heart, an adobe cabin eight by ten, a pine table, two camp stools, and a dutch oven. The etceteras, are not many. But stop you may say "you are modest with a vengance," and" going into particulars," might be left for that "cozy chat" you just now spoke of, well we often get lonely, and like to draw kindred spirits around us in imagination, if not in reality, and so I hope she and you will pardon the presumption of,

A Prospector.

Eastern Correspondence.

FLAX CULTURE.

Attention is called to the following letter received by a manufacturer of this city, which we publish for general information.

Webster, Mass., Dec. 30, 1868.

To ——

Dear Sir: Yours of the 12th inst came to hand to day.

I enclose samples of American Flax grown in New York State which is worth 21½ cents per lb. I do not know enough about your soil and climate but judge from reports of the growth of wheat, that it must be well adapted to growing flax.—Both of these influence the worth of the fibre, which should be long and strong, and at the same time soft, to spin well.

The best brake is made in New York City, by Sanford and Malloy. The rentching knives are made by Eddy, Dyer & Co., Greenwich, N. Y.—

No better method of getting out flax has ever been found, than that used in New York and Canada, where they use the above mentioned brake and rentching knives. The fibre when rentched, should be pressed in bundles of from 60 to 80 lbs and sacked for shipment.

Please advise me if proper inducements and what, would be held out to a person acquainted with flax fibre. to go to you State, to engage in the business, and if the climate is moist enough to mature the fibre? I fear it is too dry, and at the same time, too fine for maturing the seed.

Please say how far from your city it is raised, and if you have streams on which to place mills for renching.

I will get from New York a pamphlet treating on the methods of raising and curing flax, and send to you.

Will you please give me the price of coal in your city, and the prospect, in your judgment, for using the fibre there. In the neighborhood where the flax is raised, is there a good command of help as this will be necessary in time of weeding, as well as of pulling and curing the flax.

I have written to Mr. Perkins, of the firm of Perkins & Flint, in regard to flax, he having been engaged in buying wool for my brothers and thought it might be an object to engage in flax also.

Please advise me on above at an early day and oblige, yours very truly, H. H. S.

Reply.

With the letter came a sample of superior Flax, grown in New York, and which can be seen at our Rooms as a sample of what constitutes *good flax!*

In answer to the inquiries of the writer, we will say: There will undoubtedly be encouragement for who are skilled in this work, and as to our climate, we are *moist* enough (just now), and we know we can mature as fine seed here as in any part of the World.

Flax can be raised in all our valleys and plains, and we have *water power* and steam power enough to run a thousand manufactories, and all the needed streams of water for rotting or renching the fibre.

Coal can be had for manufacturing purposes, from $6 to 10 per ton (California), and foreign coals from 16 to $20.

There can always be had plenty of labor the "Johns"—Chinese labor—at low rates. They are employed chiefly in the manufactories and on our farms.

We trust this answer will be satisfactory.—Ed. F.]

Ole Bull will give his third Grand Concert at Steinway Hall, on Tuesday evening next, Jan 12th when he will be assisted by Miss, J. W. Barton, Mr. Gustavus F. Hall, and Mr. James H. Wilson. The renowned violinist, will undoubtedly attract his usual brilliant audience, and win his accustomed honors of enthusiatic encores.

GOOD GARDENERS.

Of course every one understands that he who knows his business is the cheapest man to employ; yet when we look around us and see "gardening" *done*, we often wonder if this good principle is ever acted on in this branch of the public waste. We suppose the reason is that the great public know nothing whatever of gardening practically; hence, a man is a man, and it would seem that the only thing to be done in making a first-class selection, is to higgle about the wages.

We are very sorry for the sake of gardening that something cannot be done to distinguish the really gardeners from the bad ones. As it is at present, too many good gardeners feel that the chance of any man, irrespective of his abilities, getting a situation, is as good as another that rather than compete with brazen-face impudence they leave the profession for other fields. Hence it becomes exceedingly difficult to find good gardeners for good places at the time they are needed; and many gentlemen really capable of appreciating a good one, have to take so many poor ones, that they tire of gardening as a to troublesome luxury,

We happened to see a remarkable contrast recently between two gardeners in different places lifting large trees. It so happened that in both instances the ground had been filled up several feet, and the trees had to be elevated to the new surface. There was not much difference in the size of the trees,—about 3 or 4 feet in circumference, and 25 to 30 feet high.

In one case the "gardener" and six men, and had accomplished a great deal of grubbing about the roots. He had erected a tall triangle of very heavy timbers, expensively bolted together for the occasion, and with block and tackle had all hands tugging away at the rope to see "if she would'nt stir yet." The other gardener had but two men. He had dug a circle all round the tree three feet below the surface, and wide enough to work well. By the aid of a digging fork he very soon had the tree undermined and balanced on a slender column of earth. By the aid of a rope fast to the top of the tree, the latter with its ball of roots was easily drawn over to one side. A little earth was then thrown under, and then drawn back, so as to lean over on the contrary side, then more earth thrown under, and the tree drawn back again. This zigzag mode of leaning over, and gradually filling under was continued until the tree was *self-raised*, as it were, to the surface. In less than one day the job was finished, costing, we are quite sure, less than $5. When we saw the other the day was far spent, and it had not yet "riz." Our calculation was that some thirty dollars would be spent before the job was finished, with slim chances of life afterwards.

We have no doubt the same relative capacity for business is exemplified in all the gardening of both these men. The one is better worth $2000 a year than the other is worth $200, yet we believe both these men have about the same wages The good one is more appreciated than the latter would be. If the place were vacant, the latter would have as good a chance for it at any other one.

It is clear the only remedy for this state of things, is for gentlemen to inform themselves a little more as to what constitutes a good gardner. They already know that the best is by all odds the cheapest. When they are able to distinguish the genuide from the counterfeit, a great step towards true gardening will be made.—*Gardeners Monthly.*

THE GREAT CITY.

The growth of Chicago during the past year has been remarkable. 7,202 buildings, worth $25,000,000, have been or are nearly completed. Of these, 35 are churches, costing $1,700,000; 20 are school houses, costing $300.000; 1,000 are stores, worth $13,000,000; and 6,500 are residences valued at $9,000,000. Thirty miles of water pipe have been put down, making a total of 200 miles in the city. Twenty-one miles of Nicolson pavement have been laid. There were 458 divorce suits commenced during the year—by husbands, 176; by wives, 282. The number of divorces granted was 345. There were 442 fires during the year, involving a loss of $3,086,436, covered by an insurance of $2,520,384; of the loss, $2.275, 480 occurred in January—mostly in the great fire of the 28th, and the burning of Farwell Hall.

Tunnel Under the Chicago River.—We notice that "The Washington street Tunnel" under the Chicago river, connecting the south and west divisions of the city by a solid and permanent roadway, has just been completed, and was opened to the public New Year's Day. The contract price was $328,500. The length of the work is about 1,605 feet; of the retaining walls of the open approach on the west side about 320 feet, and 265 feet on the east side. The length of the main archway, or covered way, is 936 feet. There are three archways leading through the tunnel; one is for foot passengers, and two for teams and horses.

Alex S. Macrae's Liverpool Weekly Produce Statement, Wednesday, 6th January, 1869

TRANSATLANTIC COMMERCIAL CHARGES.

It is to be hoped that the economical example set by the Post-office, Atlantic cable, steam ships, sailing vessel and other authorities, in submitting to an honest competition and reduction of rates, will not be lost upon the business men, transatlantically engaged between the United States and Great Britain; and that the year 1869 will sensibly increase that new determined spirit, to reciprocate *more* commercial transactions, at a *much* less cost.

The charge of 4 and 5 per cent commission, with sometimes a brokerage added of ½ or 1 per cent, *on produce that can be consigned by one steamer and remitted for by the next*, is simply iniquitous, and if to that a guarantee commision is added also, must be fatal to most operations. Besides there is 2½ per cent discount, which discount however should obviate any guarantee, inasmuch as *all produce*, without any exception, is sold, *"Cash in 14 days, before delivery if required."* This clause is printed on *every* contract.

Again, 4 and 5 per cent for the execution of orders on either side is equally excessive, where cash is given or security is in hand, for the redemption of that order.

These enormous rates, with necessary concomitant charges, in plain parlance, *kill* business and cannot be endured; being a profit in themselves for which the most enterprising men, would be glad to contract and dispose of all their operations.

The States of Europe are each reciprocating business for a charge of 2 per cent, and they possess not one tithe of the facilities that America and England possess! With almost daily steamers and posts—with an hourly cable and language the same—transactions should, and must be without limit; and to insure and assist that desired state of things, economy *must* take the place of what one day or other, will look very like extortion!

PRICES OF AMERICAN PRODUCE.

	£ s. d.	£ s. d.
BACON, American per cwt	0 54 0	0 60 0
BORAX,		
English refined	0 65 0	
BUTTER,		
English, No. 1 & 3 per cwt	130 0	137 0
American	108 0	122 0
CHEESE,		
American fine, per cwt	0 66 0	0 70 0
FLOUR, American, per 196lb		
Western State	0 26 0	0 28 0
HAMS, American, per cwt	0 54 0	0 57 0
HAY, American, per ton	5 0 0	5 10 0
INDIAN CORN,		
New American, white 480lb	0 38 5	0 38 6
Old mixed	0 37 9	0 38 0
LARD, American, per cwt	0 65 0	0 65 6
LINSEED, pr qr	0 53 0	0 60 0
LINSEED CAKE,		
English, per ton	13 0 0	13 5 0
American	11 0 0	11 10 0
LINSEED OIL, per ton	29 0 0	30 10 0
PORK,		
Easto, pm mess pr 200lb	0 87 6	0 92 6
Western,	0 85 0	0 87 6
ROSIN,		
Am. common pr cwt	0 5 6	0 5 9
Medium	0 6 6	0 11 0
Fine to virgin	0 12 0	0 16 0
TAR, Stockholm pr bbl	0 20 0	
Archangel	0 19 0	
American	none	
WHEAT, Am. pr 100lb		
No. 1 & 2 Spring	0 10 0	0 10 8

ALEX. S. MACRAE, OIL AND PRODUCE BROKER, LIVERPOOL, ENGLAND.

A Grand Musical Affair.—Gilmore proposes to give next June in a grand pavilion, erected upon Boston common, a three day festival, in which one thousand instrumentalists and twenty thousand singers will take part, drawing the performers and the audiences from all parts of the United States and Canada, with cheap excursion trains, arranged from Upper Canada to extreme Texas border.

American Artists Abroad.—The Pecuniary success of many of the American artists at Florence is so considerable, that they are able to furnish themselves with the best accomodations. Mr. Ball has built a fine large house and studio in the plesant new quarter outside the Roman gate; and Mr. Powers has also, a handsome cottage in the same neighborhood.

Jerome Thompson is now engaged upon a large picture; the subject is taken from Longfellow's poem of "Hiawatha" and the scenery of Minnesota.

Essex, Mass., has a little girl three years old, who plays over two hundred pieces on the piano. She ought to be in the back yard making mud-pies.

Agriculture.

SILK CNLTURE.

SAN GABRIEL, Dec. 19th, 1868.

E. N. STRODT, ESQ.—Dear Sir: You must excuse my long delay in answering your favor dated November 28th, as I have been absent from home part of the time. As some of your inquiries are answered in my article entitled "Silk Culture," in Los Angelos county, I send you a copy of the same.

I see in the Times some comments on my statements concerning the superiority of the Southern counties for Silk Culture, in which the writer seems to infer that the Southern part of the State cannot raise the Morus Alba or the Morus Multicaulis. This is a mistake as both varieties are growing here in great perfection. In what I stated concerning my experiments with the different varieties of mulberry, I would be understood as saying, that the Morus Multicaulis is much easier grown from cuttings, which all writers acknowledge, and though I failed in raising the Morus Alba from seed, other parties met with very fair success. Mr. Garey, of Los Angelos, raised from seed the past season, 50,000 trees, besides the few raised from cuttings made a remarkable growth for that variety. But it should be remembered, that we have experienced the worst possible season all over the State for the planting of cuttings However, the Times is pretty near the truth when expressing the opinion that different soils may be adapted to different varieties, and that the Morus Multicaulis grown at the South may produce as good silk as the Morus Alba grown at the North, soil and climate would have been more correct.

The Morus Multicaulis has a more porous leaf than other varieties, and so in wet climates, owing to the absorbtion of moisture, is not considered as good feed for the worms, but surely this can be no objection in a climate free from rain for six months in the year. My own opinion is that at the North, the coast counties owing to the prevalence of fog, is better adopted to the Morus Alba or Morus Maretta Mulberry, but it should be generally understood that we have here none, or very little of the coast fog. I should come to the conclusion that the northern counties were not adapted to the Morus Multicaulis, were it not for the statement of I. N. Hoag of Sacramento who says that in his vicinity good cocoons have been mostly from worms fed entirely on this variety of Mulberry.

Our preference for the Morus Multicaulis is owing to the greater certainty of its growth from cuttings, its very quick growth and speedy renewal of its foliage the first season, which enables us to feed five times as many worms as we could feed from any other variety. This is a greater consideration to persons of small means commencing business. From this variety we can gather the leaves seven or eight times' it appearing to grow all the faster for the operation, whilst from the Morus Alba twice gathering its leaves, seems about as much as it will stand. However, I would discourage none from planting the other varieties if they are in circumstances to wait a year longer as I know they are excellent for the worms, though they need not expect a large amount of food from them for the worms for the first season, and those planting the Morus Multicaulis, would do well to plant some of the other kinds.

The Times quotes in opposition to my statements the experiments of two eminent Silk Culturists, L. Prevost, the Pioneer, and W. M. Haynie of Sacramento. Now I wish it distinctly understood that none bow with greater defference to the revered name *Louis Prevost*, and that it would be to me the cause of the deepest regret if my statements should prove at variance with the experience or expressed opinions of that eminent Pioneer in Silk Culture. But I am confident there is no real difference in our statements, if the difference of soil and climate are taken into consideration, and that none would be better pleased than the Pioneer in Silk Culture if we of the Southern counties should demonstrate, that in our section of the country, by planting the Morus Multicaulis we can produce good Silk, and at the same time, show results the first season which would take several years to accomplish with any other variety of Mulberry. My cocoons exhibited at the different fairs attracted much attention for their large size and excellent quality, as did others sent from this county, that were fed on the Morus Multicaulis.

Whilst claiming for Los Agelos county some advantages, I would not be understood as underrating other sections of the State. Far from it, as I know all parts of it are good for Silk Culture, and we shall want it all for the Mulberry trees that are to be planted all over our great Silk State. I have no doubt but that the Sacramento Valley, with its fine soil and climate will become in time, one vast Mulberry plantation, and as with us, the land not adapted to the Mulberry may be considered the exception, and the climate unsurpassed. I expect to see it the leading interest of the county and also of the State. Though not engaged extensively in the business this season, I am making preparations to engage in it on a large scale the ensuing year, having engaged for the purpose of a cocoonary, a large adobe building close by; measuring 125 feet in length, by 25 feet in width and some 15 feet in height, this will afford room for 2,000,000 worms. You enquire concerning the profits of silk culture; in reply I would state, an acre planted with mulberry trees when two years of age, planted nursery form, will produce about 60,000 lb of leaves, for our purpose say 42,000 lbs; now as 20 lbs of leaves will make a pound of cocoons, this would give 2,000 lbs of cocoons, which at the market price of one dollar and a half a pound, would amount to $3,000; now for the cost, by adopting Mr. Prevosts method of feeding with branches, one hand can attend to one hundred thousand worms and it takes 300 cocoons to make a pound, 600,000 worms would make 2,000 lbs of cocoons and would require six men for one month and a half, say $40 per month; for board and wages, this comes to $60 dollars for six men, would amount to $360, which deducted from $3,000 leaves the nett profit per acre $2,640, by employing chinese the cost would be much less As I have stated in the article I send you, by turning the best proportion of the cocoons into eggs, it is my opinion that the above, if not a greater amount of profit may be realized the first year; but in order to maintain our present high reputation for silk worm eggs, we must be careful as I have said, not to attempt to feed more worms than we have room for, and to be careful to preserve none but good cocoons for this purpose, besides which we must provide an abundance of food for the worms; better have a few thousand trees to spare than fall short one hundred. Hoping to her from you soon, I subscribe myself

Respectfully yours,
Albert Brewster.

AGRICULTURAL ITEMS.

Georgia and Tennessee, it is said, will have 10,000 000 bushels of corn for export this season.

A car has left Boston laden with freight for a firm in Salt Lake City, It will go through without breaking bulk a distance of 2'398 miles,

The latest fancy potato story is told of a man in Hubbardton, Vt, who bought one eye of a No, 4 potato for $20, and raised from it this season potatoes that he sold for $750, and has three left.—Eight were bought by one man for $400.

The Rural World says that the very best success with land that we have ever seen, was with low swampy soil. Worthless apparently, only to grow coarse grasses and weeds. It was ditched, plowed and thoroughly cultivated, and a wealth was developed which made it lasting and productive almost beyond account. There are many such swamps.

The largest kitchen in the world is that of Liebig's Extract of Meat Co's. establishment at Fray Beneos, on the River Uraguay South America. The building covers an area of 20,000 square feet. In one hall there are 4 meat-cutters, which can dispose of 200 bullocks each per hour. There are 12 "Digerators," in which the meat is boiled by steam. They can hold altogether 144,000 lbs. of beef. About 80 oxen per hour are slaughtered for this immense establishment.

USE FOR COAL ASHES.—A careful farmer in Ohio writes, that he has used coal-ashes for twenty years as a compost for the droppings in his poultry yard. White and red ashes contain about four per cent. of soluble alumina. By sifting dry coal-ashes every morning under his roosts, he obtains at the end of the year, a ton or more of material as rich as guano. The coal ash should be kept perfectly dry, In that condition it is as good as gypsum as an absorbent.

WHEAT CLUBS.—The Dixie Farmer states that in many localities in the South, farmers are forming what they style, "Wheat Clubs," in which each member pays a certain amount of money, to be appropriated as a premium for the best acre of wheat, harvested in 1869, and each member pledges himself to compete for the premium. The idea is a capital one, and we hope to see it extensively adopted.

FENCE CORNERS.—The Canada Farmer hopes that an implement will be invented specially adapted to the cultivation of the land up to the fences, as it is there where the weeds do most abound and are generally unmolested. We suppose that the gang-plow is the implement needed, and any portion of which it cannot reach, the spade or grubbing hoe would answer effectually.

We know a first class farmer who took a great pride in his profession, who cultivated his fence corners, or rather land that the plow would not reach along the fences, in grass, and he assures us that the product met all expenses, and his fields suffered very little from weeds, We have found that good farmers have a way of getting at the weeds along their fences or anywhere else.—*Germantown Telegraph.*

DEATH OF C. N. BEMENT.

Caleb N. Bement, widely known as a writer on agricultural topics, and especially of late years on subjects connected with poultry raising, died at his residence in Poughkeepsie, Dec. 22d, in the 78th year of his age. Hereafter we shall give a fuller notice of his life and writings, and may now say that after having battled during a long life with a greater proportion of ill-fortune than belongs to the lot of most men, Mr. B. had preserved in the evening of his years; such a degree of interest in active affairs and of equanamity in temper, that few would have realized his age or suspected the difficulties through which he had passed.—*Country Gentleman.*

ANECDOTE OF FREDERICK THE GREAT.—A sergeant of the Lifeguards, very vain, but possessed of much bravery, wore a watch chain, to which he had fastened a musket ball, being too poor to buy a watch. The King, hearing of it, wished to expose him to ridicule. Stepping up to the soldier, he said: "Sergeant, you must have been economical, for I see you wear a watch. Mine tells me is is five o'clock; how much is yours?" The soldier, guessing the intention of the King, but nothing daunted, immediately drew forth the ball, saying: "Your Majesty, my watch is neither five nor six o'clock, but tells me, as I look at it, that I must be ever ready to die for your Majesty." "Here, my friend," added the King much moved, "take this, to know the precise hour also in which to die for me;" at the same time giving him his own watch studded with jewels.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, by reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

Miscellaneous.

TRUE'S

IMPROVED

POTATO PLANTER

This is, undoubtedly, one of the most valuable [machines, adapted to Agricultural purposes] ever introduced.

It Saves the Labor of Men in Planting Time

Makes its own furrow, cuts the potato in such slices as the farmer may prefer; drops these pieces the most perfect regularity, and covers them perfe and does all this as fast as a horse can walk over ground that can be plowed

No intelligent farmer can fail to see that an ment with which one man can, with the aid of a plant six acres of potatos in a day, is of inestim value; because the days in which PLANTING can erly be done are very few, while he has all SPR and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER fro other machines. It affords its aid "in the very of time," and gives leisure to its owner for attend to his other spring work, which would otherwise overwork him or be left undone.

The undersigned have the sale of this Grand Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Im ment, and a good Mechanic can make a fortune w

Particulars and Catalogues can be had at our o

WARREN & CO.,
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MADE IN HOME INSTITUTIONS PROMOTE general prosperity of the State. It is therefo interest of all who reside on this coast, in effecting on their lives, to give the preference to

THE CALIFORNIA

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INCORPORATED NOVEMBER 16, 186

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Valuable Patents FOR SALE.

We invite the attention of energetic Mechan several very

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They are each and all of a practical and useful ha ter, and are such as a handsome return for labor capital can be made from.

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EARLY GOODRICH POTAT

Important to Market Gardeners and Agricultural Public.

The Undersigned, having growing and tested above Potato for two seasons, have no hesitation in nouncing it far superior to any other grown on coast, for an early Potato, and now offer it for sa is very early (from three to four weeks earlier than other) good size, white skin, smooth eyes, white fles superior table quality, and very productive.

L. F. or F. SANDERSON, San Jose, C

Agents in San Francisco—GRIFFITH & ELLIS, 225 Washington street, one door below Front; and SILVESTER, No. 317 Washington street.

To Take Charge of a Place

A young man with some capital (from $500 to $ can hear of a good opportunity to take charge of place and have an interest if he desires.

A person somewhat acquainted with the nursery ness is preferred.

None but a steady and industrious young man apply.

The applicant must be able and willing to work have a love and taste for rural life. To such a p a good chance can be given.

Address G. A. P.
30-20 Care of FARMER Office

Horticulture.

THE PRESERVATION OF WINE.

Vine culture, and the manufacture of native wines, have assumed very considerable proportions in the United States within ten years past. From St. Louis and Cincinnatti the noble science of the grape has spread far beyond the borders of Missouri and Ohio, nestled among the hills of Pennsylvania; scaled the rocky borders of the Hudson, and garlanded with vineyards the lovely shores of our Northern lakes in New York. It is now finding new and beautiful homes in Virginia, Georgia, and the Carolinas. Illinois, too, has stepped into the arena, and sends us her quota of excellent Catawba and Isabella, along with her fine cider, perry and beer.

California, since ever we have heard of her, has produced delicious wine grapes, and the old Spanish missions were but outposts; in the culture that they originated, to an army of vine-growers, who are even now, occupying every "corner of vantage" on the slopes that look Southward over the margin of the Pacific, and wreathing the sunny mountain sides with clusters of golden and purple fruit that Italy, in all her luxuriance, cannot surpass. "California wines" are highly esteemed as well as widely familiar in all our seaboard cities, and the fuelletonists of Paris, who are finished *gurmets* have not disdained to speak of them with favor.

Yoder such auspices, our cultivators are even entertaining the hope that, ere long, they may be enabled to reciprocate the commercial favors that the Eastern Continent has so long bestowed upon us, in their vintage, by sending the American "pure juice of the grape" thither in quantity. The novelty of the thing has hitherto been the chief reliance of the limited shipments of our wines that have been sent abroad, but they have been so well received as to encourage growers on this side to believe that could they protect their product from damages by the sea voyage, they could find a ready market for whole cargoes of it, not only in Great Brittain and the rest of Northern Europe, but even in some wine-growing countries farther South. The very same consideration has impeded the export of the more delicate French, German and Italian wines in their purity to distant regions, and the great problem with traders everywhere has been how to make their wines pass the Ocean in perfect condition.

The claim of a French experimenter, M. Pastuer, to have solved this problem by scalding the wine, is so emphatically sustained by the foreign scientific papers that we feel justified in mentioning it to our readers.

The French Minister designated a committee to examine the results of Pasteur's experiments, not only in his own labratory, but in the establishments of the various wine-growers and venders, and finally in reference to a supply placed on board one of the national vessels. The committee were so highly satisfied with the result that they formally decided to make three grand official test experiments with wine scalded in their presence, according to Pasteur's method. These trials consist in sending one lot on a national ship to circumnavigate the Globe; another to the coast of Africa, and a third lot to Cochin China. The wines will thus be subjected to voyages of various lengths in many varieties of climate, and, should they pass the ordeal, the improvement cannot fail to be generally and gratefully accepted. The advantage to commerce and to the health of thousands can hardly be overestimated, while those who believe that the general introduction of pure wine as a beverage would be the best practical cure for the abuse of ardent spirits would rejoice at it, especially upon reflection that the culture thus stimulated was helping to beautify and enrich their country.

It is stated that with the proper apparatus, simple enough in itself, the great and the small proprietor alike may, for the expense of four cents a hectoliter, make their wines fit to be carried in prime condition to any part of the world.

We shall note the further discussion of this excellent improvement and give our readers the benefit of the knowledge that it has been adopted or rejected. While awaiting the final decision, some enterprising American viniculturist will, no doubt take the hint and devise a plan of his own.

At this moment we need all our resources, and we do not deem it impossible that a year, not distant on the wheel of time, may find the ships that bear our corn in such abundrat cargoes to distant lands, varying their rich burthen with American "oil and wine" as perfect as the best that have been wafted for many ages over the waters of the Arabian Gulf and along the Tyrrhene Sea.—*N. Y. Mercantile Journal.*

THE SIXTH SENSE.

Bouchut argues admirably in his pamphlet on "The Soul and the Vital Sense," in favor of a sixth or *inner* sense, as distinguished from the five *outer* senses; and Leibnitz, Descartes and Bossuet among the philosophers, and Gerdy, Leput, Peisle, the physicians, and Bouillier and Lemeine, physiologists have agreed with him in that notion. This sense is the consciousness of physical existence and of its needs and dangers. It is the soul keeping the body informed and forewarned in a degree corresponding with the strength of the organs at its disposition. This sense is intensely developed in some human beings, just as their are some men whose sight, hearing, ect., are better than those of other people.

THE DAHLIA.

This showy autumnal flower seems to have been neglected by our cultivators within a few years. We do not see at our Exhibitions, the grand display of flowers which, a few years ago, added so much to the beauty and interest of every autumnal show. Other new and more recently introduced flowers, like the double zinnia, gladiolus and Japan lily, &c., appear to have taken possession of the fancy, and the dahlia has been overlooked or neglected. They are not in the fashion. Similar inattention to the dahlia has also been prevalent amoug the English cultivators, until the last year or two, when they appear to have attracted more notice, and awakening something of the enthusiasm of former days. Thanks to a few eminent cultivators, such as Messers. Turner, Rawlings, Keynes and Fellows, who have yearly raised very superb varieties—for their skill in its culture, and annual displays which have kept alive an interest in the dahlia, now again to become prominent as in years past.

No real lover of flowers can deny that the dahlia is an important addition to every garden, and for exhibition purposes it holds a conspicuous place. Twelve or twenty-four beautiful blooms always attract attention, and are not surpassed for symmetry or brilliancy of color by any other flower of its season. The aster, the zinnia, and the gladiolus, are superb flowers, but for perfection of form must yield to the dahlia.

Probably one cause of neglect has been the uncertainty of a good bloom. We have experienced this ourselves, and know the disappointment and vexation, after a whole summer's care to find the blossoms deficient. This was however, in some degree owing to the character of the plants. These, in former years, when a new sort was multiplied rapidly, were often so week that no culture could wholly remove the injury they had sustained. Then again, a dry season is highly prejudicial to a plant which likes as much moisture as the dahlia; and when once the plants have suffered no after treatment can bring them into a vigorous blooming condition. All these objections had their influence in counteracting the taste for the dahlia, and turning attention to other flowers.

It is not to be denied that the dahlia requires good management to obtain a fine display of perfect blossoms; and without good plants—a rich, deep soil—plenty of water, and judicious pruning, they cannot be obtained. The amateur or cultivator who wishes for a good show of flowers for the decoration of the garden, need not be so particular; but when grown for exhibition purposes, the treatment must be such as the plants require.

The new class of Pompone or Lilliputian varieties has added a new feature to the dahlia. The varieties are now numerous, and some of them remarkably beautiful. Their neater habit of growth and smaller foliage render them less bulky, and they occupy less space in the border than the old kinds. Add to this their greater profusion of blossom, and their value for bouquets, and the Lilliputians must claim a prominent position among garden flowers.—*Hovey Magazine.*

Lost Time.—Let man pass an evening in vacant idleness, or even in reading some silly tale, and compare the state of his mind when he goes to sleep or gets up the next morning with its state some other day when he has spent a few hours in going through the proofs by facts and reasoning, of some of the great doctrines of natural science learning truths wholly new to him, and satisfying himself by careful examination of the ground on on which known truths rest, so as to be not only acquainted with the doctrines of themselves, but able to show why he believes them, and to prove before others that they are true; he will find as great a difference as can exist in the same being the difference between looking back upon time unprofitably wasted, and time spent in self-improvement; he will feel himself in one case listless and dissatisfied, in the other comfortable and happy; in the one case if he did not appear to himself bumbled, at least will not have earned any claim to his own respect; in the other case he will enjoy a proud conciousness of having by his own exertions, become a wiser, and therefore a more exalted nature.—*Lord Brougham.*

THE HUMAN SKIN.

Few discoveries in science are more wonderful than the revelations that the microscope gives us concerning the delicate integument that covers our own bodies. Kolliker, the anatomist, states that there are from 400 to 600 respiratory glands in every square inch of the surface on the back, the cheeks and the lower extremities. The skin of the forehead has them in the rate of 1,100, while the sole of the foot and the palm of the hand possess 2,700. The total number on a human surface of ordinary size is between *two and three millions.* If all the little tubes and channels that compose them were placed end to end, they would reach around the Earth's satellite? After this knowledge, who can fail to perceive the necessity of keeping these streets and lanes and alleys of our outer life clear of defilement? Who will depreciate soap and water?

The Coat of mail of a Savage.—The *Morning Star* brought from Micronesia the dress worn in war by a chief of Apaiang, one of the islands of that group. It is made of the fibre of the cocoanut, very ingeniously and strongly woven. It did not however, in the case of its wearer, suffice to protect him, for he came to his death from a spear, which pierced through the armor.

American Pomological.— Hon. M. P. Wilder, President of this Society, informs us that he has appointed Sept. 15, 1869, for the next session of the association in Philadelphia. This society is now in its 20th year, having been the first National Pomological Society established in the world, and affording an example subsequently followed by the British Pomological, the Royal Belgian and other National societies of Europe. Its past sessions have been held in New-York, Philadelphia, Boston, Cincinnati, Rochester and St. Louis.

Miscellaneous.

Grapes, Raspberries, Strawberries, Blackberries, etc.

LEARN HOW TO RAISE

GRAPE VINES.

Learn How Grapes are Grown

IN THE EASTERN STATES.

LEARN HOW TO GROW

Small Fruits:

Raspberries,
Blackberries,
Strawberries,
Currants,
Gooseberries, etc.

Many *New Varieties* have, within a few years been brought out, which far surpasses the old varieties; such, among Raspberries, are the

Clark, which we place at the head of the list of tried varieties;

Davison's Thornless Black Cap, an entirely thornless black Raspberry, of very distinct habits of growth. Excellent fruit;

Prosser, a competitor for the position the Clark has taken. Stands dry Summers well;

Philadelphia, most productive

Doolittle Black Cap, extensively planted for field cultivation;

Cattawissa, good flavor, red; bears two crops annually. Have seen it with ripe berries and blossoms at the time of our first snows, about November 20.

AND MANY OTHER VARIETIES.

Among *Strawberries,* the *New Varieties* are

Charles Downing,
Dr. Nicaise,
Nicanor,
Durand, etc.

All these varieties are described in the New Edition of our

"Manual of Grape and Small Fruit Culture."

Th a neat little Pamphlet, containing full instruction how cultivate all these different varieties of Small Fruits. It contains full descriptions of the New Blackberries,

WILSON'S EARLY and KITTATINNY,

together with a new White or Cream-colored variety, which will be brought out this fall. Also,

HOW TO GROW BLACKBERRY PLANTS.

Last Fall we disposed of over 250,000 Blackberry Root Cuttings. We have heard of but few instances where they did not grow. We sent thousands of them to customers, by mail, as an experiment, to prove they could be sent safely as as California. We sent a package to Colonel Warren of the "California Farmer."

Our Pamphlet, containing Price List of our stock of Plants and Cuttings, can be obtained by calling at the office of the California Farmer, or by addressing Col. Warren, Editor California Farmer, San Francisco, Cal.

We have 50 acres devoted to the culture of Small Fruits not all cultivated yet; 20 acres in Strawberries; 14 acres in Raspberries; 7 acres in Blackberries; 2 acres in Grapes.

WARREN & CO., *California Farmer Office,* are appointed Special Agents for our Nursery Stock, where orders can be left to secure them to customers this season. Orders should be sent at once.

J. H. FOSTER,
39-7 Kirkwood P. O., Camden County, New Jersey

The Cheapest and Best

Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following serits of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle. 2 vols., containing Torches, Waltzes Polkas, Schottisches' Hodowas, Quadrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Planist's Album.** 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc.s.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers,
277 Washington St., Boston.
C. H. Ditson & Co., 711 Broadway, New York.
31-f

Preserve Your Sight!

BRAZILIAN PEBBLES.
SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No. 205 Montgomery street, San Francisco.

RAISIN,
And other choice
GRAPE CUTTINGS.
ALSO,
WINES AND BRANDIES
Of the choicest variety on hand and
FOR SALE.

GOLD MEDAL AWARDED BY
State Agricultural Society, 1867,
TO THE
Natoma Vineyard,
BEN. N. BUGBEY, Proprietor.
Postoffice address Folsom, Cal. 28-2

C. CROEZINGER.

DEALER IN
NATIVE CALIFORNIA
Red and White Wines,
Brandies, Port, Sherry, Angelica, Etc.
Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

New Advertisements.

IT DON'T SCRATCH YOU,
Or Tear Your Clothes.
DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

Thornless Raspberries.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The Thornless raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. John Gage

From the American Horticultural Annual, for 1868 page 102:

"Davison's Thornless.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are **propagated from tips** making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.
Farmer Office 320 Clay street, San Francis

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
Farmer Office, 320 *Clay St.*, San Francisco.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of New Strawberries, Raspberries, Blackberries, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries---THE KITTATINY. WILSON'S EARLY.
Raspberries---DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.
Strawberries---DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.
New Grapes---TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address
WARREN & CO.
Farmer Office

Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberry.

For two new subscribers and $10 we will give two plants each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869.
WARREN & CO.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,
THE THIRTY FIRST VOLUME,
—AND—
SIXTEENTH YEAR
OF THE
"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:
(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75 00

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the Farmer's circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address **COL. WARREN, Editor.**
or WARREN & CO., Publishers

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,
tf Farmer Office.

VICK'S
Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,
A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address
30-22-4t JAMES VICK, Rochester, N. Y.

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the following Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3.—*No.* 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,
30-5 Mt Hope Nurseri Rochester, N. Y

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....FEBRUARY, 4 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street--Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our Soil. Samples of all varieties Grains, Grasses Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms; Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are open file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

Prang's Beautiful Chromos.

o wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers, can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
Farmer Office.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

ABOUT HONEY BEES.

As this is the season when the Honey Bee in California will begin his work, it is important that those who are engaged in the bee business, should have all the information they can obtain we therefore give them a little information which may be of value to some; this we gather from the experience of K. P. Kidder Esp., who has recently sent us his little Bee Book, called the "Secret of Bee Keeping," of which we spoke a short time since. Mr. Kidder professes to be well versed in the secrets of Bees and claims to be a true apiarian.

WHAT CONSTITUTES A SWARM OF BEES.

No definite number of bees constitutes a swarm or colony. Three kinds of bees are necessary to form a perfect colony. A Queen Worker, and Drones; or requisite for the last, a fertile Queen by which they may be propagated.

If these are present a handfull of bees would be a swarm, if there were thirty thousand it would be but a swarm.

The following table taken from Kay's treatise may be useful to many in deciding from appearance, both by weight and measure, between large and small stocks.

15,000 Bees constitute a modern swarm.
25,000 " " a good swarm.
30,000 " " a large swarm.

I have seen in some colonies just before swarming, 40,000 and 50,000

	lbs.	oz.	pwt.
100 drones weigh	—	1	—
290 workers weigh	—	1	—
4640 workers weigh	—	1	—
1830 workers, a pint in measure	—	6	5
3660 workers, a quart in measure	—	12	10
450 workers, about one gill in measure	1		10

Should this calculation be made upon bees when gorged with honey, it would make a difference probably of one-third in weight. We aver this table is not far from correct. It is very necessary to take into account the state of the bees at the time when the calculation is made; if they are alive they weigh less than when dead, and also if weighed immediately after they have emigrated from the mother hive, as they are then loaded down with honey and farina. This calculation was made when the bees were in their natural state alive. This will allow the apiarian to make to make a pretty close calculation upon the number of bees his hive contains; when he sees them in clusters or heaps. (Dry measure is here made use of.)

A good swarm of bees should weigh from five to eight pounds and measure four quarts at least at the close of the honey season.

Each of these three kinds of bees perform distinct and separate offices in every prosperous colony.

LOCALITY OF AN APIARY AND ITS ARRANGEMENT.--This is an important consideration with the bee-master. While every rural home is favored with a suitable place in which a few swarms of bees can be profitably kept, a serious neglect in choosing such place is many times a disadvantage to the owner. Perhaps a few hints to the novice will not be inappropriate in this little work. First, let the place be on dry soil, and if convenient, in some quiet spot away from the busy routine of the domestic circle, It should be shaded by trees to relieve the little occupants from the scorching rays of a burning sun and shield them from too much exposure to strong winds. The best bee-house that was ever used is the shade of a tree and a good hive.

The hives should always face the southeast if possible, as by so doing your bees get the morning sun, and fewer storms come from that direction to beat against the front part of the hives. Let it be located where they can be readily seen in swarming time from some door or window, from the kitchen if possible, that the women may give the alarm in case of swarming. The grass should be kept short by occasional cutting, as it is more convenient to get around amongst the bees and their is not so much liability of their being lost by falling into the grass. All ant hills in the immediate neighborhood of vincinity of the Apiary should be destroyed. Spider webs and the like should be kept away from the hives.

I would recommend the planting of trees where you are not already favored with them, and setting one or two hives under each tree, always avoiding the setting of bees in a bee-house or room eqcepting to obtain larger quantities of honey by so doing, as there is no place like the open air for bees while collecting honey. The inconveniences of a room speak decidedl against any uch arrangement. The bees and honey are got at with difficulty. Many times the bees build their combs upon the outside of the hives where free access to the room is given them, making it unsafe and even hazardous to attempt to manage them. While they are more likely to be infested with millers, ants, spiders, &c, the inconvenience of removing surplus honey, old combs, or in fact, to have any control over them is almost impossible.

Where persons are not favored with a situation like the one described above, select the most appropriate place you can, approaching as nearly as possible to our description; and if you can find no better place, put them in the attic or some room, and give them egress and ingress to the hive by placing it at some window, giving the bees access out underneath. Sometimes bees do remarkably well in rooms, but we object if a better place can be found. Localities for bee pasturage vary much in regard to their value for saccharine deposits. Sections of country where the Alder, Maple, Hickory, Basswood, Whitewood and Chestnut grow, are better than where Pine, Hemlock, Tamarack, Spruce and Cedar are the prevailing timber. Valleys are preferable to hills or mountains, as bees with a heavy load of honey can fly down hill easier than they can fly up. They will thrive better where cattle are kept than where sheep are pastured. The vast prairies of the West are destined to be the "El Dorado" for bees and honey; perhaps no country in the world of the same extent possesses such a variety of honey-producing flowers, from spring till fall, as do those magnificent natural Prairies of the West.

Their few wants may easily be supplied by the willing hand of man.

MADE-UP LIQUORS.

We call the special attention of the wine manufacturers of this State to the following article Which must affect their interest, for it is a notorious fact, that not only in New York, Boston and Philadelphia, are those poisonious compounds sold as *California Wines*, but here in our own city also, and in all the Country towns and Cities, and those of our Wine Makers, who pride themselves on making good and pure wines should take immediate steps to Expose those who palm off those vile compounds as *Wine*.

That spurious Wines are made we know and we know too the matrials of which they are compounded. Of this we shall speak in our next fully.

We know we have *Good and pure Wines* in California, and wines that can be relied on and such wine houses, as we always take pleasure in calling attention to in this Journal, wines too that can be sent abroad with credit, as will be seen by the notices which appeared recentlyin our columns of *Fruits* and *Wines* abroad.

We can always refer with pride to such *Wine Houses* as I. Landsberger! B. D. Wilson & Co., and G. Grozinger. These dealers labor to make a reputation for good and pure Wines, and at these houses the very best wine houses can always be found.

The New York *Commonwealth*, in an article on the poisonous made up liquors so much in use as a beverage in these days, and the frightful effects arising therefrom, says: One is impressed to seek a reason for the numbers of murders and sudden deaths which are now so frequently reported, and in doing so there is one frightful source to which to trace the cause of the evil, and that is the amount of made-up and poisoned liquors now sold to the public as a beverage. In a very large majority of the cases of murder reported, the murderer has been found to be laboring under a species of insanity, produced by the firey poison of a made-up stuff called liquors. At any corner you may find a compounder of poisons, and it is too tempting a business to be easily prevented.—Ten dollars' worth of strichnine or other poisonous drugs will impart to a barrel of beer double the strength of that value of hops, and with the present skill in chemical preparations, hardly a gallon of pure liquor is necessary to produce thousands of gallons. The city is flooded with these poisons, called by all sorts of names. The best brands of champagne are wholly produced in this country in such perfect imitations, that the genuine cannot be detected, if perchance a bottle should be mixed with it. The California wines offered for sale are very large, but the made-up manufacture of certain establishments in this city So with other wines and liquors. Nor are these exaggereted statements; they can be verified any day by the assessors of internal revenue, and the examination of the liquor. But, can nothing be done to stop this wholesale poisoning of the community? Most every man who takes a glass of wine become a possible murderer, an insane homicide? The evil is one which can not be overlooked.

SPECIAL NOTICES.

Farms to Lease—We ask all new comers to our shores, and all others who wish a "Homestead," and wish to earn it with earnest labor, to read the advertisement of SAMUEL BRANNAN ESQ., who makes very liberal offers of small and large tracts on the most liberal terms. Here is a chance for those who are really earnest, honest workers, to make for themselves a "Home."

The American Exchange.—The long established and well known and popular Hotel is now so well and liberally patronized, that the Proprietor will soon be called upon to enlarge his borders as he has not room for all who would crowd upon him were his Hotel twice the size.

Mr. Sargent of the American Exchange has made that Hotel by his courtesy, and attention to the wants of his patrons one of the most popular in our City.

We call the attention of all *Flax Growers* to the card of Messrs. Heynemann & Co, who desire to make contracts for flax straw for the Cotton Mills at Clinton. It is now an established fact that our Farmers will be supplied this year with bags for their Grain at a low figure, and a portion of these made from California material too.

TO ORCHARDISTS.

A grand chance will be offered to an orchardist who desires to engage in RAISING FRUIT on a large scale for exportation over the Rail Road east. A large and valuable orchard, covering over *forty acres* with the best kind of fruit bearing treet, where an income of over TEN THOUSAND DOLLARS per year can be relied upon. Is now offered for sale by reason of present owner changing his business. None need apply without ample means, as there is room for a large and permanent profit.—Apply to the *Editor of the Farmer*.

A very fine and large Mansion house of modern style nearly new and very handsomely furnished with large Barn and Stables, Carriage house and Shed, Fruit house and all other buildings needed together with suitable Teams and Tools to carry on the place,

The mansion is surrounded by splendid shade and ornamental trees and fine finished avenues leading from the public road to the Residence.—This estate is one of the most desirable that has been offered for sale for years, and for a gentleman who desires a place ready to hand, has no superior in our State.

ABOUT SORRELL AGAIN,

So many inquiries are made of us about this WEED that we herewith give its BOTANICAL history including those similar weeds of the same class, the "Docks" which infest our lands, if allowed to seed.

We gather this history from the best sources, Loudon, Lindley and Scientific works.

There are *thirty eight* varieties of Dock and Sorrell, only three known as the sorrell that abound with us. *Rumex acetosa*, or common sorrell of Britain, *Rumex acetosella*, or sheep's sorrell, and *Rumex scutatus*, or French sorrell. To these we add *Oxyria acida* or mountain sorrel. Each of the most noted we sketch according to their several properties.

We hardly expect our farmers are aware of the number and variety of these pests which will infest their land if once *seeded in*. The common sorrell of which we recently spoke, will always increase if land is allowed to run to waste for want of *cultivation*. The appearance of *sorrell* is proof that the land has a *sour stomach*, and must be changed.

Rumex. A name given by the Latins to a root of thorn.

R. patientia (so called from the slowness of its operation as a medicine) and *sanguineus*, were formerly used as spinage plants, The former is still used on the continent, and mashed with a small proportion of of R. acetosa or scutata, makes a very good spinage.

R. *Crispus* has a fusiform yellow root, which, taken in a recent state, and bruised and made into an ointment or decoction. is said to cure the itch.

R. *obtusifolius* is a domestic weed of the worst description; it is found in every country in Europe, but almost confined to cultivated grounds or rubbish, rickyards, neglected gardens, and places used as retiring grounds by men or cattle. It is never found on poor or wet-bottomed land. It is refused by cattle; but the leaves were formerly used for wrapping around butter and cream cheese; and the roots, along with those of R. acutus, by the dyers, In powder, the roots of most docks are said to be one of the best articles for cleaning the teeth. The leaves of all of them are considered laxative rather than otherwise.

R. *acetosa* has long been cultivated in gardens for its leaves as spinage and salad; but R. scutatus is much more delicate. The Lapirnders use the leaves of the R. acetosa to turn their milk sour; in Ireland they are eaten with fish and other alkalescent food. The root is powerfully astringent, and considered antiscorbutic; dried and boiled it gives out a beautiful red color. All domestic cattle eat this and most other species of the genus.

R. *acetocella*, where it abounds naturally, is a certain indication of poor, gravelly, irony soil.

R. *alpinus*, monk's or bastard's rhubarb, was formerly used as true rhubarb, but in larger doses.

The different species of Rumex attract the cultivators attention as weeds more powerfully than as culinary, medicinal and dying plants. The sorts vulgarly knows as docks produce a large quantity of seeds, and ripen them rapidly and perfectly. Fortunately they are heavy and not carried to a great distance from the parent; but almost every one grows, and once a year old they are tedious and expensive to eradicate. The first season they may be destroyed by hoeing, but when the tap root is established, unless it be wholly eradicated by the weeding, or dock-hoed, or spade, the ground cannot be considered as cleared. Any part of the root left will generate buds and send them to the surface, and if the plough or spade cut a root into pieces an inch long, each piece will grow, whether near the surface or buried to some depth. The less careful agriculturist often receives dock-seeds with his grass seeds, brought from the stable-keepers and not properly cleaned; these come up the first year, and establish themselves along with the clover unobserved. The second year they flower, and if the crop is not early cut the seed ripens, and in using the hay is either mixed with the litter of the stable or with the hay seeds, to be again carried to the field, Such as purchase town manure cannot avoid receiving dock-seeds; but they may destroy them by fermenting the manure well before using it; others who desire to get rid and keep clear of this weed, should be most particular in their choice of seeds of every kind, especially of grass-seeds; should weed them out as soon as discovered; and for such as remain till the second year, they may be pulled by hand when in the flower stalk, and during or after a day's rain. (See *Encyc. Agr.* art. *Peren. Weeds*.

Oxyria. From a Greek word signifying acid, in allusion to the qualities of its leaves, The plant is one of those singular individuals which has the character of two distinct genera, and yet is referable to neither. Wahlenburg made it a Rheum, Linnaeus a Rumex, Mr. Brown what it now is. It was formerly used as a salad.

A MONUMENT TO PRESIDENT LINCOLN.—A grand colossal monument to the late President Lincoln is to be erected in Florence, Italy. It will contain one hundred statues, and it will cost over two hundred thousand dollars.

The allegorical figures, "Colonial Times" and "Bill of Rights," in real bronze, for the Washington monument in Richmond, are nearly completed, and they will cost ten thousand dollars in gold.

THE CALIFORIA EARTHQUAKES.—Some malicious wags have said. earthquakes were occasioned by the trembling of the soil at the approach of two or three well known speculators of unbridled capacity, who have lately gone out thither to rummage for gold."

This is what our New York exchanges say of us in California. Such being the fact there should be *daily earthquakes on California Street.*

A NEW GRAPE DISEASE IN FRANCE.—M. Bazille, presented a memoir to the French Academy on August 3rd, detailing a new disease which he says is likely to prove more disastrous than the famous vine mildew. This new enemy is not a fungus, but a minute *aphide*, which he calls a *Rhizobius*, and which forms yellow parasitic patches on the roots of the grape vine.

We acknowledge several parcels of the *famous* Farmers Club" *Sweet Corn* from J. B. Olcutt Esq this corn is now established on *the very best sweet corn in our land.*

Editor's Chair,

We take especial pleasure and pride in calling the attention of the *Readers of the Farmer*, to a very kind and acceptable letter from *White Pine* or the *Silver Country*. We do so because we recognize and gladly welcome an old and highly esteemed correspondent of the early years of the Farmer, and many of our old subscribers will recognize the writer under the *new name* even, and will hope to find letters often from the same source.

We would call the name of our old friend if it would not be a breach of etiquette, but we will wait and hope soon to receive another letter with this familiar and honored Nome de plume.

For the very kind manner in which this Journal is complimented we have but one word to reply, GRATITUDE, The letter is a treasure and the many friends of the writer will hail it with pleasure.

The letter on our *ag. column* on *Silk Culture* will be found of much interest, coming as it does from one of so much practical knowledge,

The letter on Flax Culture should receive attention, as this *product* will receive a large share of attention this year.

Santa Clara Manufacturers. A sketch of the industry of *Santa Clara*, which has been laid over some weeks, will be in our next issue.

Beet Root Sugar. An article on this subject with statistical fact will appear in our next.

Acknowledgements.

Books and Magazines.—The making of Books there is no end," So it seems, for we are receiving every mail, more than we can find time to analyze. We can only speak of the most meritorious.

The Overland Monthly.—This SPLENDID HOME MONTHLY should take the precedence among our people, for it is a magazine worthy of a liberal and generous patronage and every subscriber will realize many the value of its cost, it is in reality worth a dozen of the trashy periodicals that flood the land.

The credit of our own State demands that this monthly should have an honorable testimonial from our own people, that they will duly appreciate our *native talent* and home productions of the mind.

Messrs A. Roman & Co. have done noble in placing before our people, a montly which is a credit to our State, both in the style of its publication and the character of the matter within its pages, which we know to be of a superior order and subjects too, that should interest our entire people. A. Roman & Co. recieve subscriptions only $4 per year.

The Missionary Herald.—This well known Herald of "Foreign missionary enterprise," is now in its *sixty-fifth volume*, the No. 1 of this volume before us and its familiar face we gladly greet. What a glorious work the Herald has accomplished. The armies and navies of kingdoms and nations, may have conquered with their power, territories, and won kingdoms, but the cost was *blood*, and the sacrifice was *life*.

The Missionary Herald and its host of laborers in the "Gospel Field," have done more than armies or navies, for they have won manp souls for Heaven by redeeming men from ignorance and crime, and without the sacrifice of *blood* or sacrifice of any kind save *self* and *self-interest*, and that should ever be laid upon the altar of that faith which alone can redeem the world from *Ignorance, Crime, Sin, War* and calamity of every kind. We shall look with hope to see the "Missionary Herald" find a place in the dwellings of many of the people of our State.

The cost of the "Missionary Herald" is but *one dollar* per year, and can be had by sending to Missionary House, 33 Pemberton square, Boston Mass. Let every proffesing christian, invest a dollar in this work and it will be sure to bear a large *paying interest.*

Harpers Magazines.—These renowned Magazines come to us regularly, and still continue to improve. The Monthly is worth its weight in gold for its intrinsic merit, it is a library of itself. The *Weekly* one of the *best illustrated* Journals of the day—a fit and exellent companion to the monthly—and the *Bazar* a very appropritate, ornamental accompaniment to them both; the *Bazar* is designed for the mother, wife and daughters more particularly as this a book of fashions, This should be had by all who wish a library in a few works.

Onward: This is the *new* Mayne Reid Magazine" a handsome illustrated Magazine of 64 pages and issued in very handsome style its typography is superior, and the matter in the volume of a high literary character Capt. Mayne Reid, an Author of known celebrity and the Magazine gives evidence of a purpose to make it one of superior merit.

Messrs Hudson and Menot of New York, Advertising Agents, send us their their annual Circular containing the Directory of the Newspapers of the Pacific Coast. A very neat and well designed little book and excellent as a directory, but as our Newspaper list changes so rapidly, the firm will be obliged to issue one semi-yearly to make it reliable.

Catalogues, &c We have received the seed catalogues. (new issue) of Mess. Thorburn & Co seedsmen of N. Y. also.

Catlaogue of John Vanderbuilt & Bro. Fulton N. Y. also.

Washington Street Nursery. of Gates. Selover Willard & Co. Geneva N. Y. also,

The Circular with skatch of the new "Marengo crab apple. from the nursery of C. Andrews Marengo. Illinois.

Wines and Wine making this subject will appear next week.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY.

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisso.

THE UNDERSI GNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river 2,000 acres under fence on very advantages terms.

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31 3 Third floor.

FLAX STAW WANTED.

THE

OAKLAND COTTON MILL

is prepared to buy

FLAX STRAW

—DELIVERY AT PRESENT OR NEXT SEASON.—

Apply for further particulars to

HENEYMAUN & CO.
No. 5 Sansome St. San Francisco.

31 3.

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story.

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most attractive place of resort. Parties wishing said board will please apply to J. M. STAPLES,
31-1 Proprietor of the Auzerais House.

VICK'S Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 500 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply, by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Ra pberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Subscribers can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

and Silver Medal

BY THE MECHANICS FAIR, 1868.

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,
30-12. 423 *Jackson Street.*

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & Co. T. H. MORROW.
A. L. CHAMBERLIN

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of
WILSON, MORROW & CHAMBERLIN,
will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD
WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurious Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the

FARMER OFFICE.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us,* which proved *worthless,* the names of the *Drawers* are placed on our *Black List,* and will be published unless soon redeemed.

THE KIRBY LARGE MOWER.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

THIS MACHINE HAS NO EQUAL IN DIFFICULT CUTTING.

It has an INDEPENDENT ACTION by Means of a Joint in the Frame, instead of the Moving Bar, so that the Knife is always Kept in Line with the Gearing.

It is Easy Dratt for Two Horses, and can Cut Heavier LODGED GRAIN without Clogging than any other Machine on the Pacific Coast.

This Machine is the same as the Combined in every particular, only the Reaping Attachment is left off, and parties buying it can afterwards buy the whole or any part of the Reaping Apparatus from the Common Reel to the Self-Rake.

This large KIRBY MOWER is the only mower that has an independent action, and can use a reel when mowing, especially in windy weather. It can be bought as a Mower, with or without a reel.

In soft, sandy, sediment land, the lifter-wheel, on account of the narrowness of its rim, will sink in quite deeply. In this case a WIDE BAND should be provided and slipped on it, which will prevent the difficulty. The wheel as it is, will run very well on hard ground. These bands with all the Extra parts, will be kept Constantly on Hand, to supply all the calls of purchasers.

As a machine for clipping mustard, or cutting back grain that grows too fast, the Kirby Mower possesses advantages over all other Mowers from the fact that IT CAN CUT AT ANY HEIGHT from the ground, and work equally well and free under all circumstances.

When you order EXTRAS for this Machine, always state the NUMBER ON THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose).

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINT of your guards LOW by means of the forward bolt in the pole where it bolts to the machine. IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL.

Be sure to keep TLL THE NTTS TIGHT and the JOURNALS WELL OILED, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the JOINT TIGHT WHERE THE PITMAN CONNECTS WITH THE KNIFE, and then your machine will work well without trouble or expense.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place, No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them. 32-1

New Currants.

THE GONDUIN RED.

Long Bunches, rich and delicious.

THE LA PALLEAU.

A splendid large currant; said to be a better species of the Cherry Currant, a large cluster and brilliant.

BLACK NAPLES.

Very fine for preserves and Jellies.

WHITE GRAPE.

A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental.

JAPAN LILLIES,

Rare Kinds ROSES,

GERANIUMS,

HELIOTROPES,

FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE.

BOUND VOLUMES FARMER.

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essays L. Prevost on Silk Culture, from early beginning.

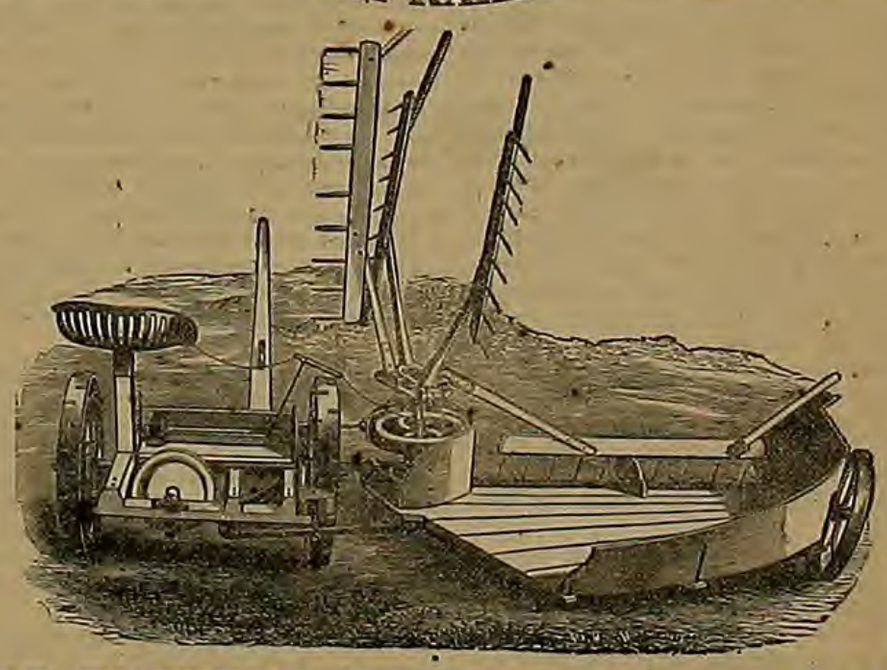
This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Sent to Farmer Office will be promptly attended to

M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.

BUCKEYE Mower Reaper AND SELF RAKER

NEW YORK.
SAN FRANCISCO.
PORTLAND.



THE BUCKEYE IS THE BEST MOWER.

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER.

MARCUS C. HAWLEY & CO.,

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake off grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER.

ALSO, THE GENUINE

HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake,

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS.

And a COMPLETE STOCK of

Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.,

31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Home Miscellany.

HAST THOU A CARE?

ELLEN M. H. GATES.

Hast thou a care whose pressure dread
Expels sweet slumber from thy bed?
To thy Redeemer take that care
And change anxiety to prayer.

Hast thou a hope from which thy heart
Would feel it almost death to part?
Entreat the Lord that hope to crown,
Or give the strength to lay it down.

Hast thou a friend whose image dear
May prove an idol worshipped here?
Implore the Lord that naught may be
A shadow between Heaven and thee.

Whate'er the care that breaks thy rest—
Whate'er the wish that swells thy breast—
Spread before God that wish, that care,
And change anxiety to prayer.

LOVE'S GUERDON.

BY JEFFREY H. BOYLE.

CHAPTER I.—THE WAGER

"Oh, that I was a man!" sighed the pretty daughter of old Calico, the retired dealer in muslins and mantuas. "I wish I was a man," and closing her music book, she leaned the loveliest face in Cincinnati upon a hand so *petite* yet graceful, that Praxiteles would have forgotten the *painter* in the *man*, and instead of transferring its counterfeit to the dull canvas, have pencilled it upon the living heart.

Her cousin Harry heard the querulous exclamation; but his attention was absorbed in framing certain mystical combinations, as the blaze of the coal occasionally gave them to his view; so he said nothing, although the speaker seemed to expect an answer.

'*Cousin*, cousin Harry, I say!" exclaimed the spoiled beauty, stamping a foot of Chinese proportion upon the rich Brussels, "you are positively stupid to night! Here I have been talking to you, yet you pay no attention; thinking of the lost Pleiad or the sophistries of Thales, for aught I know!"

'My dear Agnes," replied the gentleman, "what do you wish!"

'I wish I was a man!"

'Do you?" quietly responded her cousin, at the same time stirring the fire in the grate: it was the last night of the dying year, and the keen blast howled fiercely, the requiem of the passing fragment of a century.

'I do indeed" was the reply of Agnes, "for I feel that woman is deprived of all those opportunities of becoming great, of doing good and benefitting mankind, which are so lavishly strewn in the paths of favored manhood. We are shut out from all agency in the government of men; we may be fired with ambition, but despotic custom has deprived us of the right to assert our claims with the slightest chance of a hearing! Pray, what chance have our sex of piling a fabric of honor and fame, of accelerating the march of knowledge, or curbing the progress of vice!"

This speech came from the cherry lips of sweet Seventeen, yet my readers must not condemn her; ambition is a God-like attribute, and burns as brightly upon the altar of woman as it does upon the shrine of manhood. Woman can exercise her powers in the tented field, the cabinet, and the hall of debate as well as in the social circle. Witness Joan of Arc, Elizabeth of England, and Fanny Darusmont. Woman has a right to be ambitious, especially of the ambition of doing good.

'You can do much, my sweet cousin," answered her hearer—"to your sex is given power to mould the plastic mind that it may acknowledge the truths of virtue and receive those sound inculcations which, implanted early, becomes the guiding principles of the man, strengthening with the advance of years."

A cloud of vexation passed the brow of the listening maiden, and with the rash confidence of youth, she denied the premises laid down by the speaker.

A smile, rarely seen upon the grave face of Harry Harrington, illumined his countenance, as drawing his chair to the side of the pouting Agness he thus continued his exordium, or, rather, altered its direction.

'You well know, dear Agnes, of the strong desire entertained by your father for our immediate union—nay, now do not get angry, but listen!—You have bid me wait till another year shall have passed—to this agreement I seriously object, but am willing to rest the question upon the issue of an adventure, which will at the same time prove to you that in deeds of virtue, philanthropy and kindly influence to the human race, your sex have decided superiority over ours."

Agnes looked seriously into the face of her companion to see whether he was not jesting with her, but reading there the same calm, serious features that marked his general demeanor, she bent her eyes to the ground, and laughed. "You may laugh," continued her cousin, "but listen—I will undertake to prove to you all I have asserted—ay, more! Yourself shall admit that I have conquered. If I do this, my guerdon shall be an immediate union. If I do not, harsh as your imperious doom of delay is, I will bow submissively. Do you agree?"

'I do, I do," laughed the merry girl, "and I know I shall win!"

The bell was touched—the servant summoned to bring her mistress' roquelaire and furs, and Harry Harrington, with Agness upon his arm, sallied forth in quest of proofs which were to decide this singular wager.

CHAPTER II.—THE HOVEL.

The demon of the storm was abroad in his wrath as the pair wended their way along the snow-covered streets of Cincinnati. The ice in the Ohio heaved and tumbled with a hoarse, dull sound as the passing waters sluggishly lifted the vast bodies of ice, one upon another. The wintry heavens were starless—moonless; and the snow falling in flakes upon the person of Agnes made her half regret her willing acquiescence in the strange freak of her cousin lover.

Yet was the little world of this Athens of the West busy in its way. The *paves* were lined with groups of young and old; the one anticipating with their season; the others, somewhat affected by the merry voices and careless aspirings of those around them, were hastening to purchase the gifts which childhood is very willing to attribute to the generosity of Santa Claus. The stores were in the blaze of their holiday array, and toy and trinket, book and bauble were temptingly displayed to the gaze of the multitude gathered there to purchase.

What a mercurial, easily cheated world we live in! Youth pleased with trifles, age descending from its gravity, finds enjoyment in filling up the requisitions of childhood. All are gay, all forgetful that they are standing upon the spot where *was* an important landmark in the circumscribed voyage of life! Hope, that ever-attendand visitant, looks eagle-eyed from the grave of the dead to the cradle of the new year, and whispers to the mourner that with the past has departed his sorrow; that brighter, happier days come with the advancing future. Experience, judgment! the monitors of reality, come but to be chased away before the laugh of the blue-eyed tempter.

Agnes pressed more closely to the arm of her companion as the rush of the rejoicing passengers obstructed their progress. Harrington seemed not to notice what was passing around him; buried in thought, he neither glanced at the world on the pave, nor the vociferous mirth of the sleighers, who, in their egg-shells, flew over the bosom of the yielding snow. Agnes inquired where he was going, but without returning any answer, he turned down one of those suspicious lanes which his companion had frequently noticed, but never passed through, and pausing before a wretched cabin, knocked upon the time rent pannels of the door.

Awe-struck and wondering, the timid girl offered no inquiry, but threw a hasty glance over the exterior of the building. It was one of those log-houses still to be seen in the by-ways of our western cities. Decay had done its work upon it, and whatever comfort it may have once possessed was now destroyed. The windows were stuffed with rags, and the sounds of pain came upon the ear, as the door was slowly opened through which she and her companion entered.

Why describe the interior of the dwelling where Want is lord, and Misery has taken up its abode? —Yet Agnes, versed as she was in the details furnished by others, was sickened at the display of human wretchedness that met her vision as she stepped within an apartment which she felt was indeed a habitation of misery. Upon a couch by the embers of a waning fire was stretched a woman apparently in the grasp of the King of Terrors. Several children, young and squalid, were weeping on their knees by the side of the dying; and the tears swelled in the eyes of Agnes as she heard their sobs and felt their misery. A further look brought a blush of shame to the cheek of the gazer, for by the fire, making a warm draught to give the sufferer, was one whom Agnes well remembered having made the *butt* of her merriment.

This minister of mercy was Miss A——, who belonged to that despised body called spinsters, and whenever the rich daughter of Calico had observed the faded features and humble dress of the retiring Miss A——, she had made them the subject of ridcule among her young and equally thoughtless companions. Now was the spinster's triumph, for the heart of Agnes bowed to the superiority of her whom she had formerly contemned.

Without noticing the pair, who stood contemplating the scene with sad emotions, this voluntary attendant on misery proceeded with her task of charity. A heavy groan from the dying woman called her to the bed-side, and she saw that all earthly aid would be of no avail. The damps of death were thickly gathering upon the brow of the sufferer and the film closing over the eye told that that hour was at hand.

'My children," murmured the dying parent, the mother triumphing even in that dark moment, "what will become of my helpless babes!"

'I will protect them," said Miss A——, "I will be to them in the stead of the mother they have lost."

'And I," said Harrington, stepping forward in the presence of the spinster, "will share with you in your glorious—your noble work. Let me, too, be an agent in clothing the orphan and giving bread to the motherless."

'I also will assist," sobbed the spirit-softened Agnes. "Dear Miss A——, pardon the past, and make me your pupil in the cause of holy charity."

'God forever bless you for your kindness to my little ones," hoarsely whispered the dying woman. "I have always placed my trust in the Friend of the Widow, and the Father of the fatherless, and he has raised me up many friends; my children"—the words died upon her lips, her last look was upon her offspring, and pressing the hand of Miss A——to her heart, she passed away from the theatre of her many sufferings.

CHAPTER III.—THE FAMILY GROUP.

'One more visit, dear Agnes," said Harrington, as he drew the arm of Agnes within his own, and left the spot where death had been busy; "we have seen what women do to soothe the dying pillow and temper sorrow with the tear of mercy. Let us now go to a brighter evidence of woman's usefulness."

Agnes replied not, the event of the night had quelled the rash confidence in herself with which she started, and with passive obedience that augured well for the fruition of her cousin's hopes, she allowed him to take her where he pleased.

'Do you remember George H.?" asked Harrington of his cousin, as they came again upon Main street.

'George H. the drunkard, whose wife and children, were obliged to leave him in consequence of his intemperate habits?"

'The very same," answered the gentleman; "we are going now to his house," and so saying he rang the bell of a large, handsome edifice, and a servant promptly obeyed the summons.

A few moments sufficed to seat them before a cheerful fire in an elegantly furnished apartment, that contrasted well with the chamber they had so lately quitted.

Agnes had known Mrs. H. some five years before, a heart-broken, wretched woman, who seemed traveling rapidly to that refuge for human sorrow, the grave; *now*, she saw her the quiet, happy matron, her countenance saddened with the traces of *past* care, but an air of serenity and Christian thankfulness showing that the *present* was without alloy. Her husband, *the drunkard that was*, welcomed them with an air of easy politeness, and discourses fluently upon the current topics of the day, while several children were poring with happy, beaming looks upon the pages of the Inspired Volume, which it was evident the father had been reading to his family.

'Can it be possible" thought Agnes, "that this is reality!"

Her cousin seemed to read her thoughts, and he smiled as, turning to their hosts, he mentioned the wager.

'My young friend,' observed H., addressing Agnes, 'you know not, you cannot know the vast difference between the desire to do good and the fact of its accomplishment. It is not in the saloon, the gay circle, or the fashionable route that the energies of your sex are called into requisition; yet women can, nay, does more to sweeten the cup of human life than man in his purest moment dreams of. I am a living witness of woman's usefulness;'—he paused and looking fondly on his wife, resumed, 'Four years ago, and I was an outcast from the esteem of my friends, the victim of fell, untameable passions. She whom I had vowed to protect and cherish, was exposed to want, and driven forth to seek an asylum, other than the one which I had turned into a den of dissipation and vice. You see me now—the cause of it is the energy, the Christian fortitude, the ceaseless prayers of her who clung to my ruined fortunes, after all had abandoned me. She bade me look at her children, but the wine cup had a stronger voice, and I went on until disease prostrated me upon a bed of pain. Then it was that she conquered. Through the long months of my illness she toiled to get bread for me, all unworthy as I was, and I arose from that couch of repentance an altered, because a thinking man. She had been the 'still small voice' to lure me from my follies. She had taught me to look upon myself as a creature born for higher purposes, and then while the wife was before me, she brought our little household around, and bade them kneel before me. The past with all its madness came over me like a spirit's voice, and the misery I was inflicting upon others made me take that resolution, which, under God's favor I will never alter, to live for her who had regenerated me, to live for my children."

The gratified wife, gratified less at hearing a recital of her well earned praises, than delighted with the tone of her husband's determination as to his future course, smiled tearfully upon him while he took her hand and clasped it in his own.

Agnes was affected with the scene; here was indeed woman's triumph, immeasurably beyond any that the victorious field of the conquerer may present, or the annals of political pre-eminence afford. Nobody's business is lifeless in the pathway of woman's triumph, no bleeding sensibilities, no thirst for dominion marks her course.—Her weapon is virtue; bending to circumstances, yet rising superior to difficulty. Her battle-field is the human heart, and she instils into it sound principles, bidding the wanderer to return, and pointing out the advantages of reformation.

Agnes left the mansion of George H. no longer discontented with her woman's estate, and Harry Harrington, as they entered the parlor where Agnes had uttered her wish that she was a man, felt in his own mind that the wager was not very doubtful.

CHAPTER IV.—THE LETTER.

"*Married, on the 10th of January* 183—, HENRY HARRINGTON, *Esq., to* Miss AGNES, *daughter of Cadwallader Calico, Esq., all of Cincinnati.*"

There is something excessively provoking in the air of impertinent happiness assumed by a newly tied Benedict, which but ill accords with a bachelor's views of the miseries consequent upon marriage.

Harry Harrington looked thus as on the evening of the eleventh of January, he sat by the fire, stirring it abstractedly, while a lady with whom the reader is somewhat acquainted, was seated at the table busily engaged in penning a letter.

As it is important that my readers should be acquainted with the character of this missive, I transcribe it.

"Yes my dear Julia, I am married. I that vowed never to submit myself to the conjugal yoke, am yoked at last. Well, I am not very sorry, for Harry is a good soul, and doubtless will let me have my own way!—But, Julia, I have seen much of late to make me serious. I never knew until recently how much good we can do for our fellow creatures. How plain is the line of woman's duty, and how awful are her responsibilities. Her world is not among the strifes of politics, faction, and selfish trade; but she may be great even in relieving the wants of the afflicted, healing the wounds that sharp necessity has opened, and pouring the oil of consolation into the bosom laboring in the agonies of death. She is looked to as a guide by the young, as a solace by the aged, and woe upon her, if, neglecting her charge, she devote that time to a round of fashionable follies which should be spent in administering charity, or attending to her private duties. If she have children—"

'Very well thought of,' said a voice behind, and looking around she found Harrington coolly perusing her letter.

'Really Mr. Harrington, what right have you to read my private correspondence?'

'The right of a husband, my dear, and permit me to say that your sentiments do you great honor.

'I am glad you think so, dear Harry.'

'But you must not think that I will let you have your own way, remarked the complacent husband.

Agnes smiled, but there was mischief in that smile.

NOTE TO THE READER.—The author has but one word to say in conclusion. To his lady reader he would recommend the sketch of Miss. A——. Homely as her character may seem drawn by the rough hand, yet it is a beautiful conception; and woman, beautiful and pure as she seems when gliding down the dance, or enthralling the soul with sweet sounds as she bends over the harp, is far more lovely when visiting the couch of pain, and ministering to the wants of the stricken.

The wife of George H. is no draft upon the imagination—Intemperance, powerful as it is, may be driven out before the voice of conjugal entreaty; and love, warmed into new life, gather at the fireside and gladden the hearts of a household, if women do but use that influence which is peculiarly their own. Be not ambitious of worldly honors,

Seek to do good, but aim not to be great
A woman's noblest station is retreat:
"Her fairest virtues fly at public sight,
Domestic worth—that shuns too strong a light."

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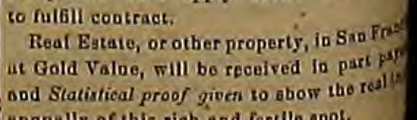

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Miscellany.

SCANDAL LANE.

BY MRS. M. A. KIDDER.

It is not on the signboard, Sir,
  Go search both far and wide;
Or in the town directory,
  Tne map or railroad guide;
And if you pump your neighbor, Sir,
  You pump alas! in vain,
For no one e'er acknowledged yet
  He lived in Scandal Lane.

It is a fearful neighborhood,
  So secret and so sly;
Although the tenants oftentimes
  Include the rich and high,
I'm told they're even cannibals,
  And when they dine or sup,
By way of change they'll turn about,
  And eat each other up!

They much prefer the youthful, Sir,
  The beautiful and rare;
They grind up character and all,
  And call it wholesome fare.
And should the helpless victim wince,
  They heed not cries of pain;
These very bloody cannibals,
  That live in Scandal Lane.

If you should chance to dine with them,
  Pray never be deceived,
When they seem most like bosom friends,
  They're least to be believed.
Their claws are sheathed in velvet, Sir,
  Their teeth are hid by smiles,
And woe betide the innocent
  Who falls beneath their wiles,

When they have singled out their prey,
  They make a cat-like spring;
Or hug them like a serpent, are
  They plant the fatal sting,
And then they wash their guilty hands,
  But don't efface the stain.
These very greedy candibals,
  That live in Maiden Lane.

CARBOLIC ACID.

This powerful article is one of the disinfectants which has been so strongly recommended by Medical men in our city, during the prevalence of the pestilential Small-pox. We give the following article from the N. Y. Mercantile Journal, upon the very dileterious and almost fatal effect of its use, and place *these facts* side by side with the other and many statements which have led our people into errors that has caused the sacrifice of many lives.

We know of many cases where the *free use of Carbolic acid*, as recommended by our Physicians, have led to almost fatal results as described by the article we annex, as to its effect on the human system.

"This powerful remedy has proved itself to be far more potent than was first anticipated; and its applicability to many diseases, which, at the outset was not suspected, has been fully demonstrated. We have counted no less than eighteen different diseases in which it has been used with decided benefit, and its antiseptic qualities render it a most valuable agent for embalming, preserving wood, raw hides· anatomical and zoological specimens, as well as a powerful disinfectant for hospitals, fever wards, etc. It is now, however, although the fact is well known to chemists and physicians, not generally known by the public at large, that carbolic acid is a deadly poison, acting according to Professor Pinkham, with scarcely less power and rapidity than strychnine, and fully equal to oxalic acid in energy and fatality. Indeed, a much smaller dose of carbolic acid will destroy life than of oxalic acid.

It appears to have two distinct effects when taken in poisonous doses. Before its absorption into the circulation, it acts as an irritant, corroding the tissues, and producing inflamation; coagulating the albuminous portions of the tissues, and comporting itself in most part like other strong caustic solutions· Vomiting, however, a common symptom of corrosive poisoning, is not likely to occur, being prevented by spasmodic contraction of the œsophagus. At the same time that strong solutions are far more corrosive in this action than weak ones, they are perhaps, less fatal, as their effect upon the tissues renders absorption less rapid. As soon as absorption takes place, the patient is seized with giddiness, headache, trembling, convulsions, delirium, insensibility, stertorious breathing, succeeded by prostration and death. The insensibility is a very marked symptom; in fact, this may take place, followed by prostration and death almost immediately, from a large dose, the system in such cases seeming to sustain a vital shock as in the case of prusic acid. A large number of cases of poisoning from this drug have been reported. We have said enough upon this subjecs to warn the public against the ignorant handling of this remedy. The antidotes for this poison, so far discovered, are not numerous. The *Journal of Cutaneous Medicine*, however, says that next to the stomach-pump, in poisoning with this acid, the best antidote is large doses of olive or almond oil, with a little castor oil. Oil is a solvent, and therefore a dilutent of carbolic acid, and may be used to stop the corrosive effect of the acid, when its action on the skin is too violent.

THE INFINITELY LITTLE.

Wondrous have been the discoveries of the microscope in tracing out the homes and habits of the anamacular parasites that prey upon the bodies of larger and nobler organizations. Some of these are so small that thousands of millions of them may subsist in the space of one square inch. But the microscope is far, far outdone by the moral lens that detects reasonable beings, capable of stealing their neighbor's little store of honey and feeding on it as their own! Myriads of spirits like these could dance quadrilles, on the point of a cambric needle.

DANIEL WEBSTER AS A SINGER.

(HE BOWS NINE TIMES TO JENNY LIND.)

Jenny Lind gave a concert at Washington during the session of Congress; and, as a remark of her respect and with a view to the *eclat*, sent polite invitations to the President. Mr. Fillmore, and the members of the Cabinet, Mr. Clay, and many other distinguished members of both houses of Congress. It happened that on that day several members of the Cabinet and Senate were dining with Mr. Bodisen, the Russian Minister. His good dinner and choice wines had kept the party so late that the concert was nearly over when Webster. Clay, Crittenden, and others came in; whether from the hurry in which they came, or from the heat of the room, their faces were a little flushed, and all looked somewhat flurred.

After the applause with which these gentlemen were received had subsided, and silence once more restored, the second part of the concert was opened by Jenny Lind with "Hail Columbia."

This took place during the height of the debate and excitement on the slavery question and the compromise resolution of Mr. Clay, and this patriotic air, as a part of the programme, was considered peculiarly appropriate at a concert, where the head of the Government, and a large number of both branches of the legislative department were present.

At the close of the first verse, Webster's patriotism boiled over; he could sit no longer; and rising, like Olympian Jove, he added his deep sonorous base voice to the chorus; and, I venture to say, never in the whole course of her career did she ever hear or receive one half of the applause as that with which her song and Webster's chorus was greeted.

Mrs. Webster, who sat immediately behind him, kept tugging at his coat-tail to make him sit down or stop singing, but it was of no earthly use, and at the close of each verse Webster joined in, and it was hard to say whether Jenny Lind, Webster or the audience were the most delighted. I have seen Rubini, Lablache, and the two Grisii's on the stage at one time, but such a happy conjunction in the national air of "Hail Columbia," as Jenny Lind's tenor and Daniel Webster's bass, we shall never see or hear again.

At the close of the air, Mr. Webster rose with his hat in his hand, and made her such a bow as Chesterfield would have deemed a fortune for his son, and which eclipsed D'Orsay's best. Jenny Lind, blushing at the distinguished honor, courtesied to the floor; the audience applauded to the very echo; Webster. determined not to be outdone in politeness, bowed again; Miss Lind re-courtesied, the house re-applauded, and this was repeated nine times.

ONLY.

Only one drop of water at a time that had found its way from the mighty ocean through the dike, and was slowly wearing a little channel. Only one drop! Yet if that little child in his morning ramble had not noticed it, who can tell what the terrible results might have been?

Only a stray sunbeam! Yet perchance it hath pierced some wretched abode, gladdened some stricken heart, or its golden light found its way through the leafy branches of some wild wood, kissed the moss covered bank where the tiny violet grew, and caused shades of beauty to adorn its lovely form.

Only a gentle breeze! But how many aching brows hath it fanned, how many hearts cheered by its gentle touch.

Only one stray bullet that pierced the noble soldier-boy as he trod the lonely midnight round, faithfully guarding the precious lives intrusted to his keeping, and the life-blood slowly ebbed out, and the sunbeams fell on the cold face of the dead.

Only a sentinel! And yet one soul more had passed from its earthly tenement to meet its reward at the hands of a merciful God.

Only a drop of ink! And yet it carried the news of death to anxious ones at home, and caus the tear of anguish to trickle down the furrowed cheek of a widowed mother.

Only a frown! But it left a sad dreary ache in that childs heart, and the quivering lips and tearful eyes told how keenly he felt it.

Only a smile! But ah! how it cheered the broken heart, engendered a ray of hope, and cast a halo of light around the unhappy present; made the bed-ridden one forget its present agony for a moment, as it dwelt in sunshine of joy, lived in the warmth of that smile.—*N. Y. Presbyterian.*

FROM DIXIE LAND.

From the "Dixie Farmer" we clip these paragraphs—not because the facts are new, but because it shows the people are *waking up* to practical labor these days.

HINTS FOR THE HOUSE.—Always lay your table neatly, whether you have company or not. Eat slowly and you will not over-eat.

Late at breakfast,—hurried at dinner,—cross at tea.

Keeping the feat warm and dry will prevent headaches.

Whatever you may choose to give away,—keep your *temper*.

Be at much pains to keep childrens feet warm and dry. Don't bury their bodies in heavy flannels and wools, and then leave their legs naked.

Dirty windows and curtains tied up in knots, always speak to the passer by of the bad taste and bad habit of the inmates.

When chamber towels get thin in the middle, cut them in two, sew the selvages together, and hem the cut edges.

Never put away plate, knives and forks, etc., uncleaned, or sad inconvenience is sure to arise when the articles are wanted.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

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CHAMBER, DINING

—AND—

Parlor Furniture,

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MECHANICS' INSTITUTE FAIR.

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BEST GOODS

IN THE MARKET AT VERY LOW PRICES.

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Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES

N. B.—

We have the Exclusive sale of HILL Concord Harness, for the Pacific Coast.

GERRISH

SUBMERGED DOUBLE-ACTING

FORCE PUMPS.

Patented by J. A. Morrall, Oct. 29, 1867.

The Cheapest, Simplest, and most Durable Pump In the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

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LINFORTH, KELLOGG & RAIL,

IMPORTERS AND JOBBERS OF

Agricultural Implements and Mining Tools,

Nos 3 and 5 Front street, San Francisco.

(30-6 3m)

Farmers, Attention!

Flax-Seed a Castor Oil Beans Wanted.

We want 1 [illegible] Tons flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,

30-23 [illegible] San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Insurance.

PACIFIC

INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL.....$750,000 00
SURPLUS, July 1st.....363,802 82
CASH ASSETS.....$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

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Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull, S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.

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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the antifriction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.,

upon the red cover of the package

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Oils, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, [illegible]

30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, February 4.

Grain, &c.

What will our Grain growers do with their surplus wheat now, is the inquiry among those who have been so unwise as to "hold on" as the word was among those who were for speculation.

How unfortunate has it been for the hard laborer who led on by unwise counsels have been induced to "Hold on" to his grain in the hope of "making a *little more*."

How many of our farmers are now deeply regretting they did not sell in July and August! and even later, when they could have realized a much better price than they ever can again, even for the *next two years*.

We are well aware we might *tickle the feelings* of some persons to flatter them with the hope of a rise in prices, but such a thing is *hopeless*. There cannot be a rise that will be permanent. Some *scheme* may change the markets for a day or two, some finessing to *work off stock*. But a high price is utterly out of the question, and the reason is a plain one, our market is TOO WELL STOCKED.

With grain enough on hand in this State to load a *thousand tun ship every day till new wheat comes in*, and then a heavy surplus over, should open the eyes of our farmers, for such is the true state of the case, and we think our farmers begin to see and lament their error. Alas! to such conviction comes too late.

We call their attention to the letter of the Chico Farmer in another column, and some facts appended thereto.

Wheat California, ₱ 100 lbs	$1 45	@	1 60
do Extra	1 75	@	1 80
Barley, ₱ 100 lbs	2 05	@	2 20
Rye ₱ 100 lbs	3 00	@	3 50
Oats, California, ₱ 100 lbs	2 10	@	2 25
Corn ₱ 100 lbs	1 70	@	1 75
Flour, Superfine, ₱ bbl		@	4 75
do Extra	5 00	@	5 25
Oregon Superfine		@	4 50
do Extra for shipping	3 00	@	5 50
Corn Meal, ₱ 100 lbs	3 00	@	3 25
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ tun	22 00	@	23 00
Middlings ₱ tun	30 00	@	32 50
Oil Cake Meal, for feed, ₱ tun		@	35 00
Beans, ₱ 100 lbs	500	@	7 50
Potatoes	70	@	93
do sweet	2 10	@	2 50
Onions	2 50	@	3 75
Hay, ₱ tun, extra	13 00	@	18 00
Hay, ₱ tun, ordinary	10 00	@	15 00
Straw ₱ tun	600	@	8 00

Retail Prices in the Fruit Market.

Our Fruit market presents a fair appearance, when we consider that is is the middle of winter, and when in other cities no fruits are to be had, while here we have good apples, plenty of dried fruits, and some pears.

Our market is now quite well supplied with oranges and lemons, nuts and raisins, two cargoes having supplied us liberally.

There are a few pears yet to be had, and plenty of fresh dried fruit of all kinds.

Apples, ₱ box	1 50	@	2 00
Pears, ₱ lb	8	@	22
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	—
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	20	@	25
Strawberries, ₱ lb	—	@	—
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	3 00

Retail Prices in the Vegetable Market.

The Vegetable market is well supplied. Almost everything needed for the table can be had in our markets every day, and in abundance. New potatoes in February would be a *luxury* in London or New York. All the best qualities of vegetables are now to be had at reasonable rates. Our market gardeners are giving a better attention to their work and our markets show improvements.

Asparagus, ₱ lb	75	@	1 00
Artichokes, (Fr.) ₱ doz		@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	35
Broccoli, ₱ doz	1 50	@	2 00
Cauliflower, ₱ doz	1 50	@	2 00
Cabbage, ₱ doz	1 00	@	1 50
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	—
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 00	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb	—	@	—
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	30
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	8	@	12
do Sweet	8	@	10
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley	20	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	—
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowist	—	@	—
do Hubbard	—	@	—
Beans, String	—	@	—
Green Limas, shelled	—	@	—
Spinage, ₱ basket	—	@	50
Salsify, ₱ bunch	12½	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	6	@	8

FISH

The Fish market, though affected by the late storms, are yet well supplied and at fair prices. Tessmore & Hayes always have the best varieties to be had on the coast.

(Tessmore and Hayes.)

Salmon, ₱ lb	—	@	15
do smoked, new	—	@	—
do pickled, ₱ lb	—	@	8
do do ₱ lb		@	—
Salmon Trout ₱ lb	—	@	—
Smelts	—	@	12
Perch	—	@	12
Rockfish	—	@	—
Codfish, dry	—	@	18
Herring, fresh		@	1 00
do smoked		@	18
Tomcod	—	@	18
Sardines, fresh	—	@	—
Soleifsh	—	@	30
Crabs large ₱ doz	—	@	1
do small	—	@	25
do soft	—	@	50
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	18
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

POULTRY AND GAME.

(A. A. Louderback.)

Ducks, wild ₱ pair	75	@	1 00
do tame	1 25	@	1 50
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 25	@	3 00
Chickens, each		@	1 00
Turkeys, ₱ lb	25	@	30
Hens, each	1 50	@	2 00
Snipe, ₱ doz		@	3 00
do English	—	@	—
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 00
Spring Chickens		@	10 00
Turkeys, ₱ lb	20	@	
Ducks, tame, per doz		@	12 00
do wild		@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair		@	3 50
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	1 50	@	—

MEATS.

The Beef market never was better supplied. Our raisers of beef and mutton begin to appreciate their business, and understand that well fatted stock pays best. Beef and mutton can now be had in our markets as fine as in any part of the world and at fair rates.

(L. Miller & Co.)

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	23
do cullet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
Beef tongues, each	62	@	75
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	35

DAIRY—BUTTER, CHEESE, EGGS ETC.

The Dairy trade is good though butter and eggs are lower than last month, yet the demand is good and trade brisk. Our Dairymen should lead off better in a climate like ours, and not allow so many thousands of firkins of butter to be imported hereafter, as is now done monthly.

(M. B. French & Co.)

Butter, California, ₱ lb (Fresh)	55	@	60
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	40	@	60
Eggs, California, ₱ doz		@	50
Duck eggs		@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern		@	15
Honey, new	25	@	30
Ham and Bacon	—	@	—
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	47	@	53
do do packed	—	@	—
do Eastern (new)	35	@	40
Eggs, ₱ doz		@	42
Lard, ₱ lb	13	@	14
Hams, ₱ lb	16	@	17

New Productions of California.

Flax Seed ₱ lb	3½	@	4
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3	@	4½
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	30
do Imported	35	@	40
Mustard Seed	3 00	@	4 50

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 11½@ 12½c ₱ lb
do. 2d do. 8@10c.
MUTTON—11@21c ₱ lb. LAMB— @12c.
PORK—undressed, —@5½c; dressed, 9@10c.
VEAL—10@12c ₱ lb.

WOOL, TALLOW, HIDES ETC.

Wool, best fall clip	16	@	18½
Medium	12	@	15
do burry	10	@	12
Wool-sacks, new	75	@	88
do second hand	40c	@	50
Dry hides, ₱ lb	15	@	16
Green salted, ₱ lb	7	@	7½
Sheep skins, wool on	30	@	50
do do plain	12	@	25
Goat skins, each	25	@	30
Refined Tallow	8	@	8¼

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

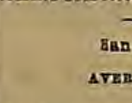
ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.
HURON, ERIE CO., OHIO.



New Strawberries, Raspberries, Grapes &c

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY, WILSON'S EARLY.
Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.
Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.
New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

Feb. 6.—GOLDEN AGE—Capt. E. S. Farnesworth, connecting with the ALASKA, Capt. Gray.
Feb. 13.—COLERADO—Capt. W. H. Parker, connecting with the RISING STAR, Capt. King.
Feb. 22,—SACRAMENTO, Capt A. West, connecting with HENRY CHAUNCEY, Capt. Connor.
Feb. 27—MONTANA—Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury,

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oct OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento or alternate days, at 6 o'clock a. m

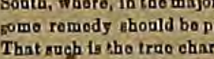
ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD



ON AND AFTER THURSDAY, NOV. 5th, UNtil further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger trains will leave Sacramento at 6:30 A. M. Colfax at 9:50 A. M., Reno at 4:14 P. M., Winnemucca at at 3:30 A. M., and arrives at Argenti at 8:25 A. M.

Going West.

Passenger train leaves Argenti at 10:10 A. M., Winnemucca at 3:20 P. M., Reno at 3:40 A. M., Colfax at 9:50 A. M.; arriving at Sacramento at 1 P. M.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Colome, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermitt, Silver City, Owyhee, and all points in Idaho Territory.

And at Argenti with Overland Stages for Austin, Salt Lake City, and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the ollowing Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,
30-8 Mt. Hope Nurseri Rochester, N. Y

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLA in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McL Vermifuge, they very frequently get one or other of the many worthless preparations called Verm now before the public. We therefore beg leave to urge upon the Planter the propriety and ance of invariably writing the name in full, and to advise their factors or agents that they will not other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements alent in the South and South West, have induced the venders of many worthless nostrums to claim for the parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are ginal and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Plan Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, PA

DR. M'LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPL and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the South, where, in the majority of cases, the patient is not within the reach of a regular physican, some remedy should be provided, that would not in the least impair the constitution, and yet be safe and That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced they have been so tested, and that the result has been in every respect favorable, we call thousands to wit have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS are not held forth or recommended, (like most of the popular medi the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is to perform, and on the regular execution of which depends not only the general health of the body but the of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance to health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the body, exercises a powerful influence over the mind and its operation, which cannot be easily described. It has connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful that it misleads more physicians, even of great eminence, than any other vital organ. The intimate which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have convinced that more than one-half of the complaints which occur in this country, are to be considered as their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Deranged State of the Bowels. Irritable and Vindictive feelings and Passions from trifling and inadequate of which we afterwards feel ashamed; last, though not least, more than three-fourths of the diseases enu under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increas pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometim pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometim taken for rheumatism in the arm The stomach is affected with loss of appetite and sickness; the bowels i ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a sing ion of having left undone something which ought to have been done. A slight dry cough is sometimes an ant. The patient complains of weariness and debility; he is easily startled; his feet are cold or burning, complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercises be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every re Several of the above symptoms attend the disease; but cases have occurred when few of them existed yet e nation of the body after death has shown the Liver to have been xtensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when take Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not pu or three times by next morning, take one or two more; but a slight breakfast should invariably follow th The Liver Pills may be used where purging simply is necessary. As an anti bilious purgative they are to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derange the Stomach

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is as cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numer of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too happens that a disease otherwise easily m aged by proper remedies, when aggravated by that cause, to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-han with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with a flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the up occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nauses and violent pains throughout the abdomen; bowe s irregular, at times costive; stools slimy, not unfrequently with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by cough sometimes dry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; temper but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPE UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to w in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectu viding the symptoms attending the sickness of the child or adult warrant the supposition of worms being th In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MER IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened wate morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to palming upon the public counterfeit and inferior articles, in consequence of which the proprietors ha forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McL FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follow McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRI This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have th stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver P Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, FEBRUARY 11, 1869. NUMBER 4

The California Farmer AND Journal of Useful Sciences.

PUBLISHED EVERY THURSDAY EVENING

BY WARREN & CO.

Office—No 320 Clay street (up stairs), below Battery.

SAN FRANCISCO.

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By mail, for one year, $5; for six months, $3. For a Club of five new subscribers, a sixth copy will be sent gratis. When payments are delayed six months $1 additional per year will be charged.

To City subscribers, delivered by carrier, 12½ cents a number or $5 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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MESSRS. VILMORINE, ANDRIEUX & CO., Paris.

CATTLE FEEDING STUFFS.

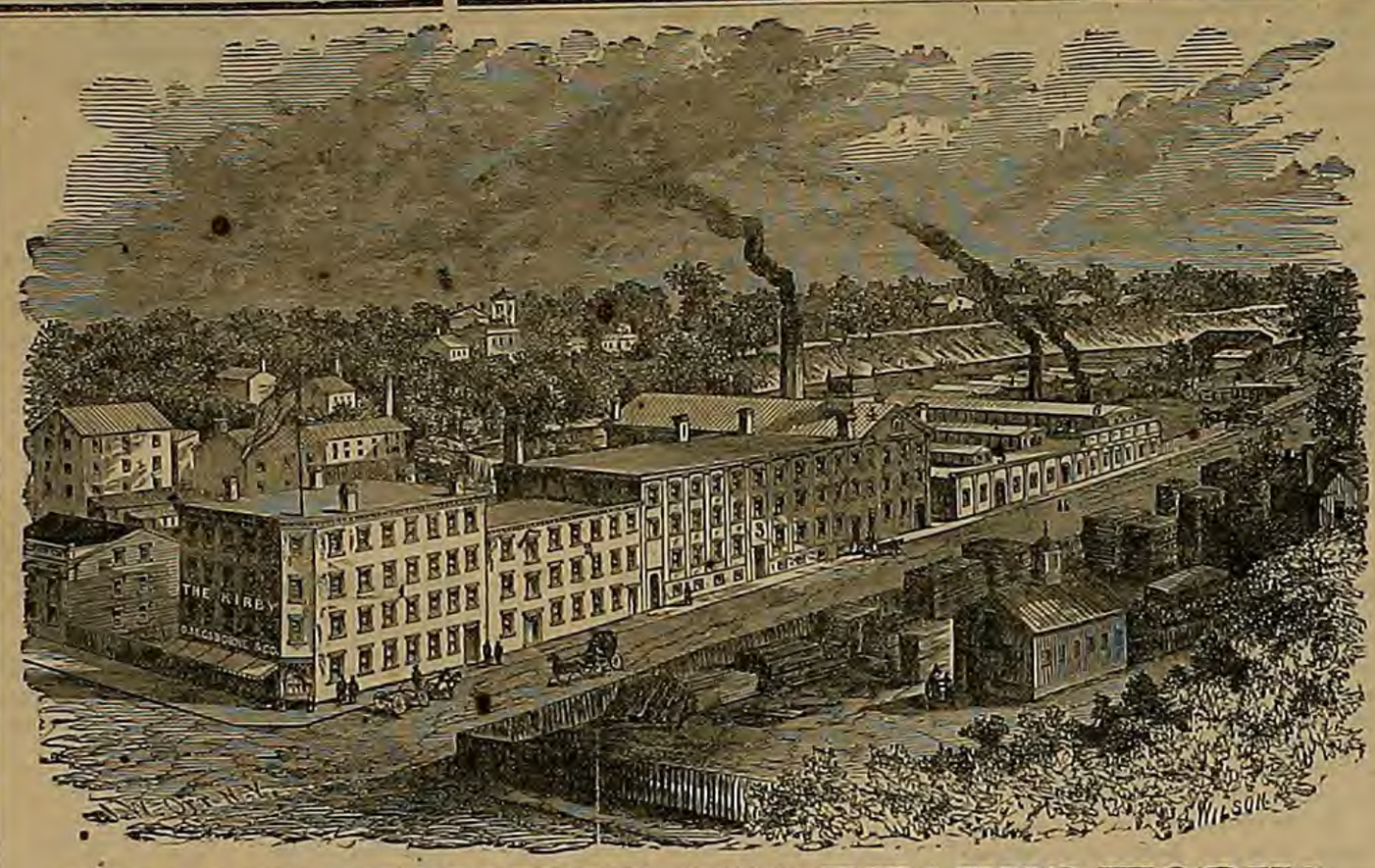
OIL CAKES.

The residuary matters of oil seeds which have been exposed to heavy pressure for the purpose of extracting the oil, are of considerable value to the agriculturist. Various seeds are crushed for the oil they contain. Amongst the most important are linseed, rape seed, cotton seed, mustard seed, poppy seed, &c. The oil is never effectually seperated from these residuary matters, hence this valuable component of a feeding material is present in a much larger quantity than in other cattle food. The feeding value of an oil-cake, however, depends very much upon the nature of the seed employed for crushing, some of these seeds containing medicinal principles, which act in an injurious manner upon the healthof animals which consume them, and are only fitted for use as manures.

Linseed Cake is by far the most extensively used oil-cake, for feeding purposes. It is highly valuable for all kinds of stock, but more particularly for animals feeding for the butcher. The great increase in the demand for this kind of cake has led to an enormous amount of adulteration. Various materials have been employed for this purpose, some of them harmless in themselves, but of considerably less value than the genuine material; while others contain poisonous principles highly injurious to animal life. Possibly, one reason why this variety of oil-cakes is now so inferior, is the great difficulty the oil-crushers experience in obtaining pure samples of linseed. Few samples of this seed can be obtained free from a large admixture of other seed. Some Petersburgh seed has been found to contain as much as 70 per cent. of impurities; Black Sea linseed, 20 per cent., and Riga seed nearly 50 per cent. In many instances it is impossible to remove all these foreign seeds from a sample of linseed; still, samples could be vastly improved if crushers were inclined; but as long as they can obtain as good a price for a cake made of impure seed as for one made of genuine seed, no improvement will be attempted. Dr. Voelcker, in a lecture on oil-cakes, stated: "From several samples of linseed, I have separated the seed and ascertained their botanical characters. In one particular sample, I counted not less than twenty-nine different kinds of weed-seeds, and among them the following, which are more or less injurious: The common darnel, which is frequently present in considerable quantities in the inferior samples of Peterburgh seed: corn cockle, which often produces very serious effect in the animal system; wild radish, which occurs in some samples of Alexandrian seeds, and is very pungent; wild rape, which is not, properly speaking, a rape, but rather a mustard, charlock, or the common wild mustard. All these are seeds which it is positively known are injurious to the health of animals; but there are others which impart a disagreeable taste to the meat of cattle fed on these inferior cakes. The Gold of Pleasure, or Camelina sativa, is such a seed, giving a disagreeable taste and also a deep yellow color to the fat of animals." A ton of linseed, or about 5½ qrs., weighing about 52 lbs. per bushel, will yield 59 gallons of oil, weighing nearly 5 cwt., or twenty-five per cent. of the weight of the whole seed the remaining seventy-five per cent. constitutes the "oil-cake." Formerly this residue was thrown aside as useless; now, however, the large demand for it at a remunerative price enables the oil crusher to sell his oil at a much lower price than would have paid him formerly. In separating the oil from the more solid particles of the seed, it is frequently necessary to put the mass two or three times through the mill; during the third time, heat is generally applied. Of course, the more completely this operation is performed the less value is the cake for feeding purposes. In Holland, some of the small millers purchase oil-cakes from France and Flanders, break them down, and work the mass into an impalpaple paste with water at a boiling point, it is well stirred, and again subjected to heavy pressure, the products resulting being an inferior cake and an oil of the lowest quality.

Besides the cake manufactured in England, we import a large quantity from France, Germany, Holland, Russia, America, and India. Practical men prefer home made cakes, it is generally fresher than foreign cake, and of a much better flavor. Contenental cake is, as a rule, much harder, contains much less oil, and is less digestible than English-made cake; besides, it not unfrequently gets damaged through bad storage before reaching this country; becomes mouldy and unfitted for cattle food. From America we obtain oil cake of first rate quality. That which is imported in barrels cannot well be excelled as food for lambs. Possibly that imported in bags is a little inferior, when it is shipped; however, in this country it seldom commands as high a price.

A good linseed cake should be reddish colored, neither too dark nor too light; if dark, rape seed may be suspected. or, if too light, poppy seed mixed with it When broken across, the smooth and shining coats of the seed should be visible. The cake should not have a tendency to split into layers. When mixed with water it ought to make a pleasant tasting jelly, thick, transparent, and free from any disagreeable smell. When linseed cake has been kept for a length of time, its mucilaginous properties, more or less, disappear. A good cake should become gelatinous on being mixed with water.



THE KIRBY MOWER AND REAPER WORKS.
Of D. M. OSBORN & CO., Auburn, N. Y.

OUR ILLUSTRATION.

We present our readers this week with the very fine illustration of the *Kirby Mower and Reaper Works*, at Auburn N. Y. Messrs. D. M. Osborne & Co., are the Proprietors of this immense Implement Manufactory, the buildings of which cover over 200,000 square feet, and is the largest Manufactory of the kind in the world.

This establishment employs nearly three hundred skilled mechanics, and has the capacity for turning out fifty machines complete every day.

We give the descriptions of the several departments. 1. Office and Sample Rooms. 2. Wood Shop. 3. Storehouse and Paint Rooms. 4. Iron Machinery. 5 Blacksmith Shop. 6. Malleable Iron Works. 7. Foundry, and Iron and Coal Yard.

Messrs. Treadwell & Co, San Francisco, Sacramento and Marysville, are the sole Agents for the Pacific States, and we call attention to their Advertisements in our columns, of these famous Implement.

GOOD FOR HENRY WARD BEECHER.

Some time since this Genius Divine in writing to "Bonner," the Genius of "Fast Horses" and liberal expenditure, "Bonner" of the Philadelphia, Leger gives a touch of the "Richelieu" school telling "Bonner," his "Joseph," we suppose. what he, (Beecher) will do when he is Pope. Hear him.

There is one law we pray you Mr. Beecher, to enact, *everybody* should take the "California Farmer.—ED. F.)

WHEN I AM POPE.—Mr Bonner, when I am Pope, I propose some new articles of faith:

1. Every man shall be married at the age of twenty five, or show good cause for neglect of duty.

2. Every man shall annually tax himself one-tenth of his income, until the sum reaches the amount of——, to procure books, journals and newspapers.

3. Wedding gifts shall never consist of luxuries—jewels, plate, etc., but of books, and with the birth of every child, ten volumes shall be put into the library in his name.

It shall be the duty of every young married man to read aloud to his wife, at least one hour a day, for the first ten years after his marriage. But this shall not be construed to prejudice of the wife's right to read, speak, lecture, etc.

All men who lie by their books in a selfindulgent and hidden manner, absorbing knowledge without benefit to their fellows, shall be treated as bees are that hide their nests—smoked out and their nests broken up!

However, I will not tell you what other laws I shall promulgate, for fear I shall lose votes and fail of becoming Pope.

THE SNOW CLAD HILLS.

This morning our Sister City, Oakland, appeared like a beautiful woman in her "Bridal Robes." The hills in the back ground, even down to Oakland, were covered with a mantle of white and from our City presented singular sight, and one we are not much accustomed to see.

Oakland must feel particularily proud to be thus treated with a snow storm.

The king of Bravaria has ordered an International Exhibition of Fine Arts to take place at Munich this year.

THE EARTHQUAKE RIGHT OPPOSITE.

We have reason *daily* to remember the late earthquake, for our office is 'right opposite' the late "Rail Road Hotel," which was shook down and with it several other buildings and which have laid a heap of ruins to the obstruction of the street and the hindrance of business ever since.

That was a terrible shaking we had as our own office plainly evinced by the fallen ceilings overturned, material &c—Yet we are very grateful we escaped so lightly.

We have now an open space before us on the opposite side of the street of five buildings which were torn down to rebuild by reason of their shattered condition, the space is about 140 feet. We speak of this now, for as we sit writing at our desk, as the great weight used in driving the piles falls upon the head of the pile, we feel a very smart *little earthquake* at every blow, and we sit at a distance of 150 feet across the street. Now if the blow of this little block of iron falling upon the pile that distance, makes so distinct a *shake* at this distance, what must we expect, when "mother earth" has her "stomach out of order" seriously, and struggles in one of her mightiest throes hereafter."

ADULTERATED LIQUORS.

Can we not stay these abominable adulterations, this wholesale manufacture of liquids that drive men to *Insanity*, to *Madness* and to *Murder* even?

Let any one inquire into the cause of these evils and they will soon find, that it *is not* the use of *pure liquors* that alone causes these crimes, bad as the habbit of a love of drink may be, but it is of the *fiery poisons* which are constantly put into the liquors call Wine, Brandy, and Whisky.

Let any person make an investigation, let them look into the matter and they can easily learn that here in our very midst, these vile compounds are made, and the *daily occurence* of crimes in our midst fully prove that men's brains are *fired up* to commit crime.

There are compounders here, that make no secret of their business, they buy the *drugs* and *compound* the Liquors, and spurious *Wines* are made of the following materials.

Spirits, Whisky or strong liquors, to this add Sugar, Alum, Raisins, Grains of Paradise, Liquorice, Catechouc, Henbane, Logwood, and Acids, Alcanate root, and various other materials, From such materials, Brandy. Wine, and Whisky. are made or multiplied by water etc 3. 4. or 6 hogsheads for one. Well may Redskins call it "Firewater" for that is its proper name.

POISONOUS WINES AND LIQUORS.

(We give the comments of the "Boston Courier" upon these abominable adulterations.)

"Much" brandy is sold, it seems, which has not a drop of grape spirits in it, but is simply corn spirits (or raw whiskey, as it is called by some), with the flavor of brandy communicated by an artificial flavoring extract. These extracts are now easily made, owing to the advance in chemistry. The brandy color is obtained from burnt sugar. Imitation brandy, or "British Brandy," as it is known to the trade, is corn spirits doctored in this way and nothing more. It contains "fusil oil," which is the most intoxicating property in common liquors, the effects of which are "giddiness, a feeling of suffocation and headache;" and "tannin," which is an astringent, but in undue quantities injurious. The dilution in the case of these liquors is a feature as striking as are the infusions. Pure brandy should contain from fifty to sixty per cent of alcohol. "None of the samples examined by Prof. Draper," says the *World*, "contained over 38 per cent. of alcohol, and some ranged as low as 29 per cent. Brandy and whiskey, if pure, should contain no traces of burnt sugar." We proceed to exhibit some of the cases of liquor sold at "the best bar-rooms in New York," at a very handsome price, even if pure. It will be observed that in every instance but two, and those excessively diluted, it is, "an imitation brandy," which is furnished to the customers."

(We here with give the Report of Prof. Draper upon the Liquors procured at five of the *Fashionable New York Hotels.*)

METROPOLITAN HOTEL.—Samples of the brandy sold at 40 cents the glass, and of the whiskey sold at 25 cents the glass, were purchased here and submitted to Professor Draper for chemical analysis. The following is this report;

No. 6. Sample marked brandy.—Water, 66 per cent; alcohol, 34. Contains slight traces of tannin and fusil oil, and a very small quantity of sugar. Is an imitation brandy.

No. 18. Sample marked Bourbon Whiskey. Water 68 per cent; alcohol, 32. Contains a very small quantity of tannin and sugar, and a considerable quantity of fusil oil. Is fair whiskey, not sufficiently rectified, and is diluted with water.

ASTOR HOUSE.—Samples of the brandy sold at 40 cents the glass, and of the whiskey sold at 20 cents the glass, were purchased here, and submitted to Professor Draper for chemical analysis. The following is his report:

No. 13. Sample marked Bourbon Whiskey.—Water, 72 per cent; alcohol, 28. Contains a little tannin and sugar, but no fusil oil. is a very pure whiskey, except that it is diluted with water.

No. 15. Sample marked brandy.—Water, 62 per cent; alcohol, 38. Contains traces of tannin and sugar, but no fusil oil. is the best specimen, and is probably a pure brandy diluted with water.

FIFTH AVENUE HOTEL.—Samples of the brandy sold at 50 cents the glass, and of the whisky sold at 30 cents the glass, were purchased here and submitted to Prof. Draper for chemical analysis. The following is his report:

No. 12. Sample marked Bourbon whisky—Water 70 per cent. alcohol 30 per cent.: contains tannin, a little sugar, and no fusil oil. Is a good whisky and equal to No. 13.

No. 9. Sample marked brandy—Water 64 per cent., alcohol 36; contains tannin, sugar, and fusil oil. Is an imitation brandy.

DELMONICO, BROADWAY AND CHAMBERS STREET.—Samples of the Brandy sold at 30 cents the glass, and of the whisky at 20 cents the glass, were purchased here and submitted to Prof. Draper for chemical examination. The following is his report;

No. 11. Samples marked Brandy—Water 68 per cent., alcohol 32; contains traces of tannin, sugar and fusil oil. Is an imitation brandy.

No. 3. Sample marked Bourbon whisky—Contains considerable tannin, the largest quantity of sugar and a little more fusil oil than No. 4.

ST. NICHOLAS HOTEL—Samples of the brandy sold at 40 cents the glass, and of the whisky sold at 30 cents the glass, were purchased here and submitted to Prof. Draper for chemical analysis. The following is his report:

No. 16. Sample marked Bourbon whisky—Water 70 per cent., alcohol 30; contains the largest quantity of sugar, a little tannin, and the largest amount of fusil oil after No. 17.

No. 20. Sample marked brandy—Water 70; alcohol 30; contains a small amount of tannin, sugar, and fusil oil, with raisin and plum flavor. Is an imitation brandy.

We call attention to the following facts which we gather from Pensylvania. also.

DRUGGING LIQUORS.— "There may be seen daily, on Chestnut street, Philadelphia, a man clad in faultless apparel, with a great Diamond upon his breast, vainly endeavoring to out glitter the magnificent *solitaire* upon his finger. In a German University he learned Chemistry and not even Liebig knows it better. His occupation is the mixing and the adulteration of liquors. Give him a dozen casks of deodorized alcohol, and the next day each of them will represent the name of a genuine wine or a popular spirit. He enters a wholesale drug-store, bearing a large basket on his arm. Five pounds of Iceland Moss are first weighed out for him. To raw liquor this imparts a degree of smoothness, of oleaginousness, that gives to imitation brandy the glibness of that which is best matured. An astringent called catchu, that would almost close the mouth of a glass inkstand, is next in order. A couple of ounces of strychnine, next called for, are quickly conveyed to the vest pocket; and a pound of sulphate of zinc (white vitriol) is a silently placed in the bottom of the basket. The oil of cognac, the sulphuric adid and other articles that give fire and body to the liquid poison, are always kept in store. The mixer buys these things in various quarters. They are the staples of his art."

EXPOSURE OF ADULTERATED LIQUORS

Recent examinations that have been made in New York by Prof. Draper, and published in the World, show that the greater proportion of all the Brandies, Whiskies, and Wines, are adulterated and made up of poisonous compounds, and we suppose New York is not the only city where these poisons can be had.

We copy from our exchanges, some of the reports recently made, and these we should think would make those who have drank at, even the *'fashionable places"* at 40 & 50 cts. per drink feel cheap.

The "World" in reporting as above, says:

The "World" has been pursueing not only the adulterators in liquors, but Tea & Coffee, Candies &c, and the vile compounds that have been eaten as substitutes, should awaken public attention. I these things are done in New York extensively, can we suppose the same things are not done here? We give the article on "Tea" that lovers of his gratifying beverage may take warning.

Agriculture.

CRANBERRY CULTURE IN NEW JERSEY.

Mr. A. B. Crandell, New York, sends to the Country Gentleman an interesting account of a visit made by himself and some friends to the cranberry district of Ocean County, New-Jersey, in September last. They took steamer from New-York to Port Monmouth, railroad to Tom's River, and thence a drive of fifteen miles "in one of the strange bye-ways which abound in the vast forests of New-Jersey; it wound around like a sheep-walk, was so narrow that the bushes brushed the wheels, and the limbs of the trees formed a long, low arch over head; there were no houses to be seen, and no voices to be heard," Their destination was the residence of Mr, E. R. Spaulding, who has "a pleasant little cottage, with a cleared space of twenty acres or more around it. The land is a sandy loam, and in quality not much above the medium of ordinary South Jersey soil. The clearing was made four or five years ago. There is now a vineyard of six acres. The varieties grown are Clinton, Delaware, Hartford Prolific and Concord. Only the latter, occupying about two acres, is yet in bearing. These vines are set four by six feet, trained to stakes, and at date of our visit they were loaded with luscious clusters. Estimating but five pounds to each vine, and 1,815 vines to the acre, we have a crop of nearly two tons, certainly a handsome yield, and evidence enough that the 'scouted section, will produce grapes. Mr. Spaulding gave us prima facie evidence, too that it will produce corn at the rate of sixty five bushels shelled, to the acre—a result accomplished by the aid of a mossbunker in each hill at planting. This fish makes a valuable fertilizer, and is plentiful in Barnegat Bay and all along shore. Numerous fine pumpkins were interspersed among the rows of corn, and just a little one side, melons—and *such* melons! There were experienced 'tasters' in our party, and the ravages made were proof positive of excellence of quality. Fortunately the quantity was not deficient. Mr. Spaulding also had a good crop of sweet and common potatoes, and we left him and his extension table more than ever disposed to agree with those who think and speak kindly of 'the barrens.'

Next morning we looked about among some of the cranberry meadows which abound in Ocean County. At Tom's River, Dr. J. R. Shrive has over seven acres in full bearing. In 1865, he got a crop of 1,100 bushels; in 1866, 1,000 bushels; in 1867, 1,930 bushels. The average price was $11,50 per barrel. Of course this result made the Doctor feel pretty jolly, but, like the goodnatured Oliver, he was not *quite* satisfied; so, during the past season, he put in eleven acres more. In the words of Virgil, 'Oh, fortunate medicine man, if you did but know it!'

Mr. A. H. Mylin has at this place a bog of five acres, eight years old. Last year it yielded 1,590 bushels, and he estimates this year's yield at 1 000 bushels, the falling off being accounted for by the ravages of the grasshopper—an enemy, by the way, from which cranberry growers have not suffered previous to last summer. Mr. Mylin lives at Lancaster, Pennsylvania and comes down occasionally 'to view the spot.' I saw him going away with a bright face, notwithstanding the deficiency in his crop. 'Four thousand dollars from five acres!' Even *this* is not a disagreeable juxtaposition of figures to have running through one's mind as one sits in the car, looking out at the autumn landscape, over which there comes a shiver, giving suggestion of the cold wind which will soon rob forest and field, and go up and down the street, and round and round the house, and pine piteously at the window to be let in. Alas for those who have no such thoughts to warm them!

At Manchester (a name signifying 'more cranberry,') we found some fine meadows. In the vicinity of this place there are about a hundred or two acres in partial or full bearing, of which Thomas Hooper has nine, Albert H. Davis twelve, Mr. McAumack eight, Capt. Hobbs seven, Judge James sixteen, A. P. Stanton forty, Davis & Trowbridge sixty, and John Torrey, Jr., seven. We gave special attention to the latter, it being near at hand and among the best. The proprietor is runing for State Senator, but he found time to furnish the following statistics: Bog put out in 1864; cost to prepare and plant, $1,520,99; cultivation, alteration, flood gates, etc., to date, $1,664,44. He stated that much of this expense might have been spared had he known at the outset as much about the business as at present. The first yield was in the fall of 1865, when he gathered six barrels, which sold for $58,78. The crop of 1866 netted $800; of 1867, $1,600, of 1868, expected to net $2,600. This bog will not be in full bearing before its seventh year: The chief points to which particular notice was called, were first, the thorough system of irrigation; second, the covering of the runners by scattering sand over them, leaving only the fruit-bearing uprights above the surface, thus gaining millions of new rootlets, relieving the parent plant, and securing better and hardier fruit and more of it: third, the freedom of the bog from all grass and weeds, and the evenness of growth, so that the appearance is that of a well-kept lawn newly mown. The meadow was certainly beautiful, and with its high, sod-covered embankment, and its ripening fruit, it did look, as our bard suggested, like a red picture of Plenty, set in a rustic frame of green and gold.

We were shown over several other meadows by Gen John S. Schultze, to whom we became largely indebted for much valuable information concerning the culture of the cranberry, of which information I will at some time make a note for your readers. Gen. Schultze, after winning high honors in 'the recent unpleasantness,' turned his sword into a pruning hook, (a wise example for other wearers of the blue,) and he is now gaining notable conquests on the field of peace. His own meadow was just ready for planting at the time of our visit, It certainly appears a model of tasteful, thorough and accurate preparation, and every detail, even the minutest, showed skill and the best judgment. Gen. Schultze believes in doing a thing in the best possible manner, and persons who contemplate similar ventures would do well to learn of him. He is likely to have the handsomest and most productive bog in the country. It is ten acres in extent; the lines of plants are mathematically straight from one side to the other, and the area is divided, by sub-ditches, into sections of a half acre each. His arrangements for flowing have been carefully looked after, and the entire expense will be about $225 per acre. Several other parties are putting in new meadows at Manchester, among whom are Messers. R. C. Browning, of 'Universal Wringer' celebrity, and W. L. Allison of the Working Farmer.

A low estimate, from data gathered, would place this season's cranberry crop, in and near the two villages mentioned, at not far from 15,000 bushels, worth at least $100,000. In the course of two or three years, as the bogs come into fuller bearing, these figures must be trebled. And all this on land which not so very long ago was thought to be almost worthless!

Our pleasant journey took in Bricksburgh, where Mr. V. S. Holt had first class crops of corn, potatoes, melons, tomatoes and other 'confirmations strong' that good can come out of this Nazareth of New Jersey."

THE FARMER ON THE SAFE SIDE.

The farmer is apt to think the professional man, or the merchant, lives an easy and luxurious life. In many instances their families may do so; but with the eminent and successful man of law or science—the artisan or merchant himself—such a supposition is a great mistake. There is not under heaven's broad canopy a more laborious class of men than these. Labor of body and of mind are theirs, and that incessant. See them early, late, in season and out of season—their whole energies devoted to their several callings without rest or intermission—and far too frequently to the premature wasting of life itself. It is no wonder that such industry directed by good education, (and by this term education I mean the entire training of the boy to manhood in its extended sense), and stimulated by a laudable ambition, should lead to success. Yet with all these appliances the labors of such men are often disastrous, and if not so, after a life of anxiety, their toils too frequently end with but the means of a slender support. Compared with these, the toils of the farmer are light. Physical labor he endures, it is true, and oftentimes severe labor, but his mind is easy. He enjoys sound rest, and good health. He has much leisure; in many cases more than is for his good. He has abundant time to discuss politics, law, religion—everything, in fact; but on what relates to his own profession, I lament to say, his mind seems less exercised than on any other subject. Now let the same early education be given to the young farmer of an equally acute intellect, that is given to him who chooses professional, mechanical or mercantile pursuits—educate each in his own line; let them start fair; apply the same thoughts, investigations, energy and toil, each in his particular sphere, and beyond all question, agriculture will, in the aggregate, have the advantage—and for this reason, if for no other, there are but few contingencies connected with agriculture. Its basis is "the firm set earth," stamped with the Divine promise, that while it remains, seed time and harvest shall continue; while commerce and trade, mechanics and arts are liable to extraordinary and continued accident. Look at the devastation by flood and fire—or ship and cargo upon ocean, lake, sea and river; conflagrations in towns and cities, and the thousand other casualties which almost daily occur, all of which are a dead weight upon labor and capital not agricultural, and the risks of the husbandman are scarce one to ten in the comparison. Rely upon it then, farmers, you are on the "*safe side*," Continue in your noble calling and take your position among the sons of men, as the second creators of wealth.—*Massachusetts Ploughman.*

FORTY POUND TURKEYS.—A Mr. Pierce, of East Windsor, Mass., told the New York Farmers' Club recently, that turkeys weighing forty pounds are not uncommon in the eastern part of Massachusetts; and that he saw one at the New England fair a few years ago, said to weigh sixty pounds. To this the Brandon Farmers and Mechanics' Club reply that they don't believe this kind of turkey exists in that state, or in New England except upon paper. The President of that Club last year offered $25 for a forty pound turkey. He received "lots" of letters about fancy poultry at fancy prices, but no one claimed the $25. The Secretary now offers, in behalf of the club, $50 for a turkey cock weighing forty pounds and two hens weighing twenty-five pounds each. We don't expect to hear that the money is taken at a very early date.

—A gentleman addressed his servant: "James I have always placed the greatest confidence in you; now tell me James, how is it that my butchers bills are so large, and I always have such bad dinners?" "Really sir, I don't know, for I am sure we never have any thing nice in the kitchen, that we don't send some of it up to the parlor;

A farmer without "gumption," is like a rudderless ship at sea. By "gumption," we mean *practical tact*, which is absolutely indispensable as an important element of success.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

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Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

Miscellaneous.

TRUE'S

IMPROVED

POTATO PLANTER

This is, undoubtedly, one of the most valuable machines, adapted to Agricultural purposes, ever introduced.

It Saves the Labor of 1 Men in Planting Time.

Makes its own furrow, cuts the potato in such slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly and does all this as fast as a horse can walk over ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a boy, plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all summer and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attention to his other spring work, which would otherwise be overwork him or be left undone.

The undersigned have the sale of this Grand Labor Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with

Particulars and Catalogues can be had at our office

WARREN & CO.,

320 Clay street, up stairs

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MADE IN HOME INSTITUTIONS PROMOTE THE general prosperity of the State. It is therefore the interest of all who reside on this coast, in effecting insurance on their lives, to give the preference to

THE CALIFORNIA

MUTUAL LIFE

INSURANCE COMPANY.

INCORPORATED NOVEMBER 16, 1867,

Capital in U. S. Gold Coin, $100,000

Guarantee Fund, U. S. Gold Coin, 250,000

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Which Company, offers to residents of the Pacific Coast greater advantages than are offered by any Eastern Company. Read the Prospectus of this Company before applying elsewhere Copies can be obtained at the office of the Company, No. 13 MERCHANTS' EXCHANGE.

W. R. WHEATON,
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Valuable Patents FOR SALE.

We invite the attention of energetic Mechanics to several very

VALUABLE INVENTIONS

for which we hold the

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of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

EARLY GOODRICH POTATO

Important to Market Gardeners and the Agricultural Public.

The Undersigned, having growing and tested the above Potato for two seasons, have no hesitation in pronouncing it far superior to any other grown on the coast, for an early Potato, and now offer it for sale. It is very early (from three to four weeks earlier than any other) good size, white skin, smooth eyes, white flesh, superior table quality, and very productive.

L. F. or F. SANDERSON, San Jose, Cal.

Agents in San Francisco—GRIFFITH & ELLIS, 225 Washington street, one door below Front; and G. SILVESTER, No. 317 Washington street. 30-1

To Take Charge of a Place.

A young man with some capital (from $500 to $1,000) can hear of a good opportunity to take charge of a nursery place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply:

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
30-20 Care of FARMER Office.

Horticulture.

THE DEAD BEE.

BY LU BILLINGS SPALDING.

The bed was a snow white daisy,
Where the little creature died;
Its sacks half filled with honey,
And its thin wings open wide.

Its tiny heart ceased beating,
While toiling for its hive;
And it left a useful lesson
To many a human life.

The daisy drooped and faded,
But it had not bloomed in vain,
For a weary little worker
Had on its bosom lain.

And its feeble might of honey,
Had been given glad and free
To the worn and weary struggler,
The dying little bee.

And when with doubtful vision,
I see no part for me,
I think upon the daisy,
And the little withered bee,

PLANT THE VINE.

No country in the world, certainly no newly discovered or newly settled country of simply *twenty-years old* has ever made such rapid progress in Fruit growing, and especially in the "Culture of the Grape" and in the "Manufacture of Wine" as CALIFORNIA. That "Vine Culture" and "Wine making" is certainly destined to become an extensive and profitable business in California, is beyond a doubt now, a *fixed fact*.

From all the information we can gather from European countries, there seems to be a steady onward decay of the Vineyards, the Vines are more or less diseased everywhere, and this disease spreads and grows more virulent; destroying, not only the *crop*, but the *vine also*.

Our 'Vine growers' are so immersed in their daily routine of business, that they do not allow themselves time to read upon their business and its interests, and thus gain important information upon this subject, which information would be of great value to them in their profession.

Vine growers must bear in mind, that a good Vineyard, even for the *sale of grapes* at the low figures of $20 per ton, delivered at the press, can be made very profitable.

California is, and must be, a great place to grow the Vine. Circumstances will soon occur which will astonish all, for there can be no doubt but that upon the opening of the *Pacific Rail Road*, our choicest fruits will be sent East, and the demand for our grapes which being two and three months in advance of theirs must throw the advantage in favor of California. Then instead of $20 per ton, growers can look for 20 and $30 per 100 lbs for all early grapes, and a high price for all fruits

Vineyards will advance in value, the Fruit will advance in value, and Wine will advance, and grape growing will be profitable, no better investment than Vine growing for the next Twenty years.

NEW FRUITS FROM SEED.

This Journal has for years counselled our Fruit growers to give their attention to the raising of NEW FRUIT FROM SEED.

By the reports in our Horticultural Journals, from the old States, we are continually reading the accounts of NEW FRUITS, and of their SUPERIOR QUALITY. There is no doubt of their great excellence and worth, for we have secured many kinds of these new Raspberries, Blackberries, Currants, Strawberries; etc., yet why should *our State* depend upon other States when California could raise her own *New Fruits*? Why will not our Orchardists try and see what they can do?

Whoever will give a few years to the business of raising NEW FRUITS will be sure to make a fortune. There can be no doubt of it. Amateurs can try. All that is needed to be successful, is to have a taste for it. Plant seed of the best fruits, and *Orchardists* can spring new kinds by hybridization. Let them read the excellent article on HYBRIDIZATION, by the well known Pomologist, the Hon. M. P. Wilder, on this subject.

A fortune can be made by originating new fruits and new vegetables, more certain and enduring, than by any speculations in Mining Stock.

NEW POTATOES FROM SEED.

Why should California with the very best climate and soil in the world, depend upon *other States* for NEW VARIETIES of Potatoes or Vegetables, when we can *beat the world* if we only try. All that is needed now is for our Potatoe raisers to save the *Potatoe Balls* of the newest and best sorts, such as Goodrich, Harrison, Early Rose, Chili, Sebec, etc. and plant the seed.

We always have seed from the celebrated Potato Farm advertised in our columns, and there is no reason in the world why California should not have NEW SEEDLING POTATOES that would rank as high as any other Potato known.

—"My dear," inquired a young wife of her husband, on his return from business, "have you seen the beautiful set of walnut furniture which the Smith's have bought?" "Hem, no my love, but I have seen the *bill*, and it quite satisfies me."

Miscellaneous.

1 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868.

FOR THE BEST SPARKLING WINES

ISIDOR LAN DSBERGER,

30-12. 423 *Jackson Street.*

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & Co. T. H. MORROW.

A. L. CHAMBERLIN.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of WILSON, MORROW & CHAMBERLIN, will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

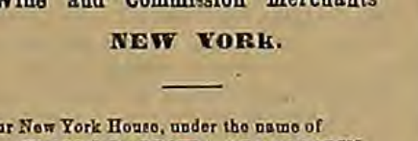
WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.



GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Miscellaneous.

Grapes, Raspberries, Strawberries, Blackberries, etc.

LEARN HOW TO RAISE

GRAPE VINES.

Learn How Grapes are Grown

IN THE EASTERN STATES.

LEARN HOW TO GROW

Small Fruits:

Raspberries,
Blackberries,
Strawberries,
Currants,
Gooseberries, etc.

Many *New Varieties* have, within a few years been brought out, which far surpasses the old varieties; such, among Raspberries, are the

Clark, which we place at the head of the list of tried varieties;

Davison's Thornless Black Cap, an entirely thornless black Raspberry, of very distinct habits of growth. Excellent fruit;

Prosser, a competitor for the position the Clark has taken. Stands dry Summers well;

Philadelphia, most productive

Doolittle Black Cap, extensively planted for field cultivation;

Cattawissa, good flavor, red; bears two crops annually. Have seen it with ripe berries and blossoms at the time of our first snows, about November 20.

AND MANY OTHER VARIETIES.

Among *Strawberries*, the *New Varieties* are

Charles Downing,
Dr. Nicaise.
Nicanor,
Durand, etc.

All these varieties are described in the New Edition of our

"Manual of Grape and Small Fruit Culture."

This neat little Pamphlet, containing full instruction how to cultivate all these different varieties of Small Fruits. It contains full descriptions of the New Blackberries,

WILSON'S EARLY and KITTATINNY,

together with a new White or Cream-colored variety, which will be brought out this fall. Also,

HOW TO GROW BLACKBERRY PLANTS.

Last Fall we disposed of over 250,000 Blackberry Root Cuttings. We have heard of but few instances, where they did not grow. We sent thousands of them to customers, by mail, as an experiment, to prove they could be sent safely as far as California. We sent a package to Colonel Warren of the "California Farmer."

Our Pamphlet, containing Price List of our stock of Plants and Cuttings, can be obtained by calling at the office of the California Farmer, or by addressing Col. Warren, Editor California Farmer, San Francisco, Cal.

We have 50 acres devoted to the culture of Small Fruits not all cultivated yet; 20 acres in Strawberries; 10 acres in Raspberries; 7 acres in Blackberries; 2 acres in Grapes.

WARREN & CO., *California Farmer Office*, are appointed Special Agents for our Nursery Stock, where orders can be left to secure them to customers this season. Orders should be sent at once.

J. H. FOSTER,
39-7 Kirkwood P. O., Camden County, New Jersey

The Cheapest and Best

Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following series of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle, 2 vols., containing Torches, Waltzes Polkas, Schottisches' Redowas, Quadrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Pianist's Album**. 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc's.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers,
277 Washington St., Boston.
C. H. DITSON & Co., 711 Broadway, New York.
31-1

Preserve Your Sight!

BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No. 205 Montgomery street, San Francisco.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867, TO THE

Natoma Vineyard:

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28 2,

G. CROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTIVATE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

New Strawberries, Raspberries, Grapes &c

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the following Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,

30-8 Mt. Hope Nurseri Rochester, N. Y

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,	$5 00
" " six months,	3 00
When payments are delayed six months,	6 00

CLUBBING.

To clubs of five, (and extra copy), six for...	25 00
do twenty,	75 00
do fifty	175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at	6 00
To every club of Ten, and $50, Agricultural Books valued at	15 00
For every club of Twenty, and $100, Agricultural Books valued at	30 00
For every club of Fifty, and $250, Agricultural Books valued at	75 00

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

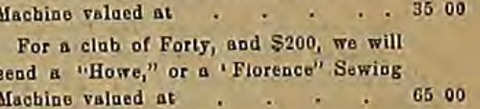
VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,
tf *Farmer* Office.



Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry*, *Blackberry*, and *Strawberry*, we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Subscribers can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....FEBRUARY, 11 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, [illegible] Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers, can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
Farmer Office.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will [illegible] them if they communicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER.

STORMS, RAIL ROADS BRIDGES, &c.

The present wintry storms will thoroughly test our Rail Roads and our Bridges and our country roads; and we think the recent storms will convince Rail Road Companies, Bridge builders, and Supervisers of our Counties and Towns, that whatever is worth doing at all is worth doing well, and that these institutions are not merely to be built for a 'sunny clime' as we naturally call California.

After the experience of so many years, and so many losses by storms, we should naturally suppose that all new constructions would be built with some reference to the *storm seasons* they are to contend against, but year after year the same losses come and the same work is done over again. When will our people learn wisdom.

We are aware that on the mountains on the Pacific Rail Road, the difficulties to contend against are fearful indeed. It is a poor feeble mortal contending against the congregated power of all the natural elements of the wintry season, the whirlwind and the tempest in all its wrath; snow, rain, hail, all combined in their greatest power, and there the best of human calculations and human efforts, may fail, but in our lower valleys, in many places when roads and bridges are carried away, it is the result of a miscalculation and of poor work, work temporarily done—*half done*, which means—not done at all.

The many years in which we have been subjected to these storms, should awaken more thought and skill in the works neccessary for protection of life and property; for as we have often said, although old Californians have seen some pretty rough storms, *wey ma see storms yet* that will make us *feel* that all former ones were light compared to them. These are now sent to *bid us prepare* for what is yet to come.

We ask every true and reflecting mind to look round our city and see the *preparations of our buildings now* to guard against the calamities of Earthquakes. Was it not the *Earthquake* that caused this work of preparation? Why should we not prebare for storms for the same reason? If we think the earthquake demands we should build our houses and stores earthquakes proof, why then should we not build our bridges and Rail Roads storm and flood proof? These are questions for those who are subject to loss and ruin by such events, to decide.

INSURE! INSURE!!

While our Journals tell us of the misrule of those in authority, and the *gross neglect of our Police to protect property*, it is the first duty of every citizen to see that their property is *protected* by an *Insurance Policy*, and that, too, by such a company as to make it a *real* Policy of Insurance, for if any person is a reader of our daily papers, they will see that fires *were never* more frequent, nor more calamitous than at the present moment, and and there is but *one way to be safe*, and that is, to be fully insured at a *good sound Office* where the stock-holders are all responsible and solvent men, then you are safe.

In times too like the present, when 'death stalks abroad at noon day' when our citizens old and young, are falling on the right hand and the left, it is all important, that those who are bound by family ties, those especially who have those dear to them, dependant on them for support, that they should provide for any sudden change in their circumstances, for although they may be in a very prosperous business, to stop it suddenly may cause such losses and changes, as to leave those they love penniless, therefore *one of the first duties of all such persons* is to *Insure their lives* for the benefit of those dependent on them. A little reflection must convince every reasoning man of this truth.

Reader! have you a wife or children who look to you for this protection? If so see that your your *property is Insured.*

Reader! have you these loved ones whom to leave destitute would embitter your last hours?—Then go to-day and secure a *Life Policy for their good.*

Now you ask, where shall we go to get Insured? We answer, we have many good sound Companies in our city, where to be insured would be safe; and their Policies as good as gold. We, however, refer you to the *Pacific Insurance Company.* It is truly *Californian in Name*, and composed of *true Californians*—men of wealth and integrity, men *worth millions*—and a Policy of this Company is *beyond all question, safe.*

The Pacific Insurance Company is *the* place *to Insure your Property.*

For a Life Policy, we point you to the California Life Insurance Company of our City. This too, is composed of Californians and their wealth, and a sound and wisely managed Institution and also beyond question, safe.

We can also point you to the Pacific Life Insurance Company, another of our Home Institutions, and also composed of and sustained by our best men, and their Capital. This institution is well and wisely governed, and to these institutions we can point with pride and pleasure as being sustained by our own people, and for the best and greatest good of our State, and for this reason above all others we deem it one of our first duties to call the attention of our readers to the great importance of *Insurance for Property and for Life.*

ST. VALENTINE'S DAY.

This noted day occurs next *Sunday*, but the day will be observed on *Monday*, and while the day may be perpetuated, and the pleasures and sports connected therewith observed, it would be much better for public taste and intellectual culture and advancement of the great mass, if the ridiculous and really trashy stuff was *rejected* altogether from sale or use, it is much to be regretted that so many persons *claiming to be respectable*, and *Parents too*, should ever encourage the sale of so much *vile* trash.

This day might be used beneficially, if only good and pure words and messages were thus transmitted from friend to friend; Then this day would speak for good.

THAT SIDE OF LEATHER.

Two weeks since we spoke of a large side of leather, we should have said a FULL HIDE, as only dealers understand the term, hides being tanned and dressed in *half sides* generally, this is a *whole hide*, and one of such a remarkable size, that the excellent and perfect manner in which it has been dressed and finished whole, demand a special notice.

This hide measures *one hundred and fifteen square feet*, finished—the length of the skin is now *twelve feet*, measuring from where it joined to the horns, to the rump—the measure round the body or width of it, is 10 feet and 6 inches.

This skin or hide was tanned and finished by R. Ward & Co. Newark, New Jersey, one of the largest and most extensive Tanneries in the United States, and we believe, *the oldest house* in the business.

This hide is the largest ever tanned, split and finished, we think in America, if not in the world, and having been finished in a superior style and without blemish, reflects the highest credit upon Messrs Ward & Co. for their skill—When we say it was *split*, it will be understood by those in the trade, but to those not acquainted with the Leather *trade*—it is, this entire hide was *divided* in its thickness, without a cut or blemish, so we say it was *skilfully* accomplished, as was done with this hide.

This *splitting hides or leather*, is a process to prepare it for what is termed ENAMELLED LEATHER, used for the covering of Coaches, Buggies and the best kind of carriages, and this superbly finished hide, is almost as soft, pliable and brilliant, as the finest morocco.

The price paid by Mess Ward & Co. for the hide as it came from the Ox in its rough state, was *Fifty Dollars*—the value of this one split, now at Mess Maine & Winchester's, at the ordinary price of enamelled leather (30c per foot,) would be $34 50—and Mess Ward & Co. had *one* or maybe, *two* more splits, from the same hide, which, the inner being less in value, might give them some $70 to $80 value in all, sufficient an amount to repay cost, as this experiment was made, *not* for profit, but to see how large a hide could be successfully completed, and their experiment, has been most triumphatly accomplished by them and greatly to their credit, as the usual size of hides cured and finished in this way, contain about *sixty feet*, while this is about double.

We certainly hope our own tanners and workers in hides and leather, will call at Mess Maine & Winchesters and see this trophy, and then go to work and see if by another year, they cannot equal our Atlantic workmen.

We hope Mess Maine & Winchester will reserve this splendid piece of workmanship to exhibit at the MECHANICS EXHIBITION this fall, and we feel confident *Mr L. Miller* of the *California Market*, will have the FAT OX IN 1870, from whose body shall be taken the *Hide* that shall *eclipse even* this present superior specimen, for CALIFORNIA workmen will not rest satisfied to be the *second rate* in the skill of manufactering.

We shall wait to see what will happen in 1870.

THE VALLEJO RAIL ROAD

One of our correspondents travelling on this route recently, furnished us the following, on a trip up on the evening train:

"Travelling in the night afforded but a poor opportunity of procuring information about the road and surrounding country, other than what could be gleaned through persistent enquiry of travelers, and parties having passed through the country before. Through this means I discovered—

That the "Junction" contains but one house, but lots are being rapidly sold, and great anticipations are being entertained of its soon being built up, though in a moderate degree.

"Davisville," which promises to become quite a thriving town on the line of the Rail Road, containing about one hundred houses, for the most part dwellings, several *whisky mills*, and one or two stores, is improving slowly from the fact that the Rail Road having been continued through to Sacramento, renders that place of secondary importance, being but a *way station*. Improvements however, are going on steadily, with moderate prospects.

Then, Puta Creek, a small stream situated back of Davisville, fordable in the dry season, forms an item of interest in the appearance of the surrounding country, and supplies moisture to the extensive Fruit Orchard immediately adjoining it, and owned and cultivated by Mr. Davis, the party from whom the "town" derived its name. This Orchard is said to be very fine, containing a complete variety of all fruits grown in this country, and of the best quality.

THE RAIL ROAD.

From its hasty construction, and considering the flat and marshy country through which it is built, does very well but is open to great improvement. The road is necessarily rough, and in some places is decidedly soft, the cars at times running through water. Another year, however, with constant application, will undoubtedly place the road in good running condition, and competent to compete with any other road in the State. Owing to the small amount of travel the Company run but one passenger car. Officers appear attentive and obliging, but somewhat oblivious to the fact, that a car when full of people, *requires ventillation.* However, time will teach them experience.

Hoping these few notes will suffice under the circumstances, I remain, yours, &c. P.

Since the above was sent us, this road has been severely tried in the 'soft' places, but under the circumstances, and the great power of the recent storm, we think the road has stood the trial well. ED. F.]

The human heart is like a feather bed—it must be roughly handled, well shaken, and exposed to a variety of trials, to prevent it becoming hard and knotty.

SUGAR BEET, AND BEET SUGAR.

We are having many letters of inquiry, upon the subject of growing the Sugar Beet and making sugar from the same, and, in order to reply to our numerous inquiries on that subject, we have taken special pains to collect such information, as is of importance to all who wish to engage in this enterprise.

We learn from George Gordon Esq., of the Sugar Refinery, whose experience and knowledge enable him to cope with the subject understandingly, that there is quite a misconception upon the minds of many persons who talk "Beet Sugar." relative to the beet, its properties, culture, &c.

Mr. Gordon it will be remembered, was in Europe recently, and of course fully understands the matter of Beet Sugar. Mr. Gordon brought from Europe two lots of pure Beet Seed, he gave away some 100lb for experiment, another lot was lost on the voyage of importation. The following rules should guide all who plant the sugar beet, for the purpose of making sugar.

The *Seed* should be sown in April, in warm, rich, sandy loam, *not* on clay or wet adobe land. We know the beet will grow anywhere and to a monstrous size, for we saw them a few weeks since, at San Jose that was of the enormous weight of 125lb, but they were coarse grained and large enough to make a respectable "dog kennel," but to *make sugar*, they should be on land that will produce them to average from 4lb to 6lb each, these are the kind that will contain the Saccharine juice, and chrystallize readily.

Lands that receive the washings from the mineral hills, have so much of the saline and alkaline matter, as to destroy the chrystalizing qualities, and *syrup* only can be made of such beets, but beets raised on the coast range, are much better and chrystalize readily.

Beets sown in February should not remain in the ground after October, as, from experiments made, should they loose their best properties. Sugar can only be made from beets planted at the right time, in the right soil, and harvested at the proper time, and beets raised from pure seed of the average size named; a large portion of the seed sold as Sugar Beet Seed, is not worth a straw being a mixsure of many kinds, hybridized in the blossom; *pure imported seed only* can be relied upon.

Growers should bear in mind, that the Sugar Beet particularily, (and other beets and several other rooted plants,) take up the saline and alkaline properties of the soil rapidly and therefore the Sugar Beet should never be planted on lands containing these properties in a prevalent quantity.

Experiments have been made to test the quantity of saccharine juice in the beet, with the following result:

Beets pulled in September	only 2½ per ct.
" " in early October	3½ "
" " 1st November	5 "
One lot choice well grown	7 "

The value of good beets, raised as recomended above, weighing 4lb to 6lb firm and solid, will generally bring $6 per ton for making sugar; large and coarse roots are fit only for stock.

To avoid misconception, we would say to those who so frequently write and ask us to go to the Sugar Refinery and see what Sugar Beets will bring there, we answer, Mr. Gordon *does not buy Sugar Beets.* The Sugar House is for *refining* purposes only, they can take Beet Sugar and refine it, but they do not make Sugar from the Beet, nor do they buy the Beet roots. We make this statement save time for all parties. *Sugar Refining* has has nothing to do with Sugar manufactoring, it is a totally different matter.

Those who design to make *Beet Root Sugar*, should have in each locality, adapted to growing the *Beet properly* for this purpose, a tract of about 1500 acres, this would supply one establishment, and this matter should be arranged beforehand, to prevent any loss and disappointment to the grower and manufacturer, as it is too apt to be the case that in all these *New Enterprizes*, men engage in them to make money only, and sometimes they have more *money* than *knowledge*, i. e. they have more *dollars* than *brains.*

PENALTY OF TOO MUCH BRAIN-WORK.

Dr, Parker, of New York, delivered a lecture a short time ago, in that city, in which he showed the evils proceeding from the transgression of the limits of their physical powers by literary men. He said:

"No man can do head-work faithfully for more than four or five or six hours. If that time is exceeded, all the phosphorus is carried off, and the man becomes irritable, broken down, and has softening of the brain. I have seen this over work in lawyers, doctors, clergymen and merchants, who have worked the brain for ten hours. They have dropped under the burden. You cannot violate the law of God with impunity. Sir Walter Scott did a large amoun of brain-work in his day, but he did not overwork himself. In his latter days, however, he became pecuniarily embarrassed, and resorted to his literary pursuits to save himself; but he worked too hard and completely broke himself down. One of the best schollars I ever knew broke himself down in his younger days, but he lived on to seventy, though he could only work some four hours a day. After these hours he engaged in vigorous exercises to keep him out of the house as much as possible, and he continued one of the best professors in the country."

CURE FOR SMALL-POX AND SCARLET FEVER.—A recent of the London *Scalpel* states that either small-pox or scarlet fever will absolutely disappear in 12 hours if the following remedy is used: Sulphate of zinc, one grain; foxglove (digitalis), one grain; sugar, half a teaspoonful; mix with two teaspoonsfuls of water. Take a teaspoonful every hour; smaller doses for children, according to age.

Editor's Chair.

Washington's Birth Day. We trust there will be enough genuine patriotism to pay a due respect to the *Memory of Washington* on the return of his "Natal Day," which will fall on Monday next.

We trust the City of San Francisco will duly honor the day.

We are obliged to defer notes on Santa Cruz and San Jose until our next.

We have some very material facts on the *Grain Market*, which will appear next issue.

Cranberry Culture.—This subject, on which a valuable, treatise will be found in our Agricultural Department specially worthy attention of all who have "Tule lands" and land that can be flooded, our Tule lands when burned off, will prove the best land for the *Cranberry.*

Farmer on the Safe Side.—Read this little article *Farmers!* there is a whole volume of truth in this short essay.

Jennie T. Hazen.—Says some smart things in our "Home Department" our Lady readers will say. "It's just so."

Horticultural Subjects.—Several of importance just now in the proper department to which we call attention.

Adulterated Liquors.—We call special attention to the articles on the subject we publish this week, they are all important.

Our Stock Raisers should read carefully the article we publish this week from the "London and Edingburgh Farmer," it is Important to them.

Acknowledgments.

Books and Magazines.—We have the handsome 'Horticultural Annual' of Orange, Judd, & Co. Publishers of the 'American Agriculturist.'

This is a very handsome illustrated Annual of 150 pages, with valuable statistics of Fruits and Flowers, and highly creditable to this well known publishing house.

The Manufacturer and Builder.—We have the new number of this valuable publication, a large quarto Monthly, fully and finely illustrated with the new inventions of the day, this being a practical Journal of Industrial Progress. Published by Western & Co., No. 37 Park Row. New York.

We have received the new catalogue of Manny Ellwanger & Barry of Rochester, N. Y., being their full descriptive catalogue of nearly 100 pages.

We have L. Scovill & Co's Farmer and Mechanics Almanac, published at Cincinnatti and New York.

American Entomologist.—We are glad to welcome this valuable work, which we are happy to see issued in such fine style, as it indicates prosperity such as a Journal of this kind should receive.

American Stock Journal.—We have No. 1, Vol. 4, and indicating success in its cause.

THE STORM.

The storm which has visited our state the present week, may truly be said to have been the most severe of any storm since the memorable winter of 61--62.

From the accounts which come to us from parts of the State, this storm seems to have been a sweeping one, as it takes its course from the ocean onward and upward, gathering strength and power in its course up and over the Sierra Nevada's where it has been felt in all its grandeur and power.

February with us in San Francisco, is usually a very beautiful season, often as bland as the "Month of Roses" in New England, this year however, it has very materially changed its character, and we have the storms and blasts of a New England easterly storm, which are so frequent in February, March and often in April there.

But why should we *not* have our share of storms? has it not been a season of storms for the last *eighteen months the world over?* and what more have we to expect to escape? We do not think the worst has past, for the mountains are piled heaven high with snow and ice, and when they melt we shall have storms and floods probably more severe than what we have yet felt.

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast. We think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Garden, Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, the beautiful Lewisia redivivia, the roots are gathered in great quantities, and boiled or eaten as *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but highly valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Cum*" or "[illegible] and-ilse-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life."

We desire to learn where this root can be found, and shall esteem it a great favor if those who may read this article know of its location, will be so kind as to address a letter to the Editorial Journal upon the subject.

Special Notice.

We desire to direct the attention of our readers to the advertisement of the American Watch Company in another column. This Company is the pioneer of watch making in the United States, and has grown in the short space of fifteen years to the largest Watch manufacturing establishment in the world. This Company in connection with another important fact—that American Watches are now selling at less prices in gold than the gold prices asked before the war—[illegible] the great success of the Company.

ADULTERATION OF TEA.

The Adulteration in teas are practiced both in China and in this country. The Chinese have reduced the business to a system. Their adulterations are fo three kinds: one consists in the intermixture with genuine tea, of leaves other than those of the tea plant; a second in the manufacture of spurious articles denominated *lie* tea; and the third kind of adulteration consists in glazing, painting, or artificially coloring the surface of the leaves with various pigments. *Lie* tea is not tea at all, but the dust of tea leaves, sometimes of foreign leaves and sand made up by means of starch or gum into little masses, which are afterwards painted and colored, so as to resemble either black or green gunpowder. After the Chinese tampering, the tea has to undergo a second adulteration here. The Chinese never drink adulterated teas, and neither need we, if we refuse to buy of fraudulent dealers. There are many dealers in genuine teas in this city. Adulterating is systematized here also. We heard not long ago of one of the great tea houses buying a cargo of damaged tea from a vessel which sunk in the harbor. It was properly doctored and fixed up, and put into the market afterwards. A common adulterant of genuine teas is exhausted tea leaves. A few years ago there were eight manufactories for the purpose of redrying exhausted tea leaves in London, and several others in various parts of the country. The practice pursued was as follows: Persons were employed to buy up the exhausted leaves at hotels, coffee-houses, and other places, at 2½d. and 3d. per pound. These were taken to the factories, mixed with a solution of gum and redried. After this, the dried leaves, if for black tea, were mixed with rose pink and black lead, to *face* them, as it is termed by the trade. The same practice is pursued in this country.—*Boston Courier.*

THE PRINTERS ESTATE.

The Printer's dollars—where are they? A dollar here and a dollar there, scattered all over the country, miles and miles apart—how shall they be gathered together? The paper maker, the grocer, the miller, the tailor the shoemaker, and all assistance to him in carrying on his business have their demands; hardly ever so small as a single dollar. But the mites from here and there must be diligently gathered and patiently guarded, or the wherewith to discharge the liabilities will never become sufficiently bulky. We imagine the printer will have to get up an address to his widely scattered dollars something like the following:

"Dollars, halves, quarters, dimes, and all manner of fractions into which ye are divided, collect yourselves and come home! Ye are wanted! Combination of all sorts of men that help the printer to become a proprietor, gather such forces and demand, with such good reason, your apearance at your counter that nothing short of a sight of you will appease them. Collect yourselves, for valuable as you are in the aggregate, single you'l never pay the cost of gathering. Come in here in a single file, that the printer may form you into a battallion and send you forth again to battle for Him, and vindicate the Prinier."

Reader are you sure you haven't a $5 or $10 of the printer's dollars sticking about your clothes?

Setting Forest Trees.—Three years ago last spring, I took up several small elms from a thick growth, (they were from two to four inches through, and from twelve to fifteen feet high) and transplanted them. I cut the top of the trees off, broke a piece of glass as near the size of the tree as I could, and placed on the top. I then put a piece of woolen cloth over the glass, brought it down six or eight inches over the end, and tied with woolen yarn. The sprouts started out close up to the top, and on one, a sprout started within half an inch of the glass, broke through the cloth, and in two years grew eighteen inches. Every tree remained perfectly sound. I left one tree without protection, which died.—*From an Eastern Exchange.*

A woman may be of great assistance to her husband in business by wearing a cheerful smile upon her countenance.

Good fortune—the possession of happiness.

Waltham Watches

The "P. S. Bartlet" movement, with extra jewels, Chronometer balance, Patent Dust Cap, Patent Safety Pinion, and all other late improvements, in a solid 3 oz. Coin Silver Hunting case, with Gold Joints, $27 coin.
The same in 4 oz. case, $30. In 5 oz. case, $33 coin.

The "Waltham Watch Co.," movement with extra Jewels, Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, &c., in 3 oz. case, with Gold Joints, $30 coin.
The same in 4 oz. case, $33. In 5 oz. case, $36 coin.

The "Appleton, Tracy, & Co," movement, with extra Jewels Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, in 3 oz case, Gold Joints, $34 coin.
The same in 4 oz case, $37. In 5 oz $40.

"P. S. Bartlet, Watch in two and a half ounce. 18 karat Gold Hunting Case, $30 coin.
"Waltham Watch Co" Watch, in two and a half ounce, 18 karat Gold Hunting case, $34 coin.
"Appleton Tracy & Co," Watch in two and a half oz. 18 karat Gold Hunting Case, $37 coin
Any additional weight at $1 per pwt., or $20 per ounce extra.

We will send any of the above by Wells, Fargo & Co's with bill to collect on delivery, and give the purchaser the privilege to examine the watch before paying. All Express charges, however, to be paid by the purchaser But if the amount of the price of the Watch is remitted to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money, drafts on Wells, Fargo & Co, are preferred.

We wish it distinctly understood that these watches are the very best, and with all the latest improvements and that they are in perfect running order, (a guarantee from the manufacturer accompanies each watch) and if any one does not perform well, we will exchange it, or refund the money.

Please state that you saw this in the California Farmer.

HOWARD & CO
Jewelers and Silversmiths,
619 Broadway, N. Y.

In order that all may address us with confidence, we refer, by permission, to Messrs. WELLS, FARGO & Co, or to any of their agents on the Pacific Coast.
31-4

Miscellaneous.

WALTHAM WATCHES.

The extensive use of these watches for the last fifteen years by Railway Conductors, Engineers, and Expressmen, the most exacting of watch wearers, has thoroughly demonstrated the

STRENGTH, STEADINESS, DURABILITY: AND ACCURACY

of the Waltham Watch. To satisfy this class in all these respects, is to decide the question as to the real value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a guarrantee of their superiority over all others.

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works at Waltham enable them to produce watches at a price which renders competition futile, and those who buy any other watch, merely pay from 25 to 50 per cent. more for their watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in greenbacks, than the gold prices before the war. There is no other manufacture of any kind in the United States of which this can be said.

THESE TIME PIECES

combine every improvement that a long experience has proved of real practical use. Having had the refusal of nearly every invention in watchmaking originating in this country, or in Europe, only those were finally adopted with severe testing by the most skillful artisans in our works, and long use on the part of the public demonstrated to be essential to correct and enduring timekeeping.

Among the many improvements we would particularize:

The invention and use of a

CENTRE PINION,

of peculiar construction, to prevent damage to the train by the breakage of main springs, is original with the American Watch Company, who having had the refusal of all other contrivances, adopted Fogg's Patent Pinion as being the best and faultless.

Hardened and Tempered Hair-Springs,

now universally admitted by Watchmakers to be the best, are used in all grades of Waltham watches.

ALL WALTHAM WATCHES

have dust proof caps protecting the movement from dust and lessening the necessity of frequent cleaning, necessary in other watches.

OUR NEW PATENT STEM-WINDER

or keyless watch, is already a decided success, and a great improvement on any stem-winding watch in the American Market, and by far the cheapest watch of its quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the United States where watchmakers do not abound, watches with the above mentioned improvements which tend to insure accuracy cleanliness, durability and convenience, must prove invaluable.

Every watch bearing the trade-mark of Waltham is guaranteed to be a thoroughly reliable time-keeper,

To prevent imposition, buyers should invariably demand a certificate of genuineness.

The trade supplied by Messrs. R. B. Gray & Co., San Francisco, Cal., and generally for sale at retail by all respectable dealers.

For other facts and information, address
ROBBINS & APPLETON, Gen'l Agents.
31-4 128 Broadway, New York.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Orchards, would pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address
31-4 EDITOR FARMER.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply.

The applicant must be able and willing to work, an have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
30-20 Care of FARMER Office.

THE KIRBY LARGE MOWER.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

THIS MACHINE HAS NO EQUAL IN DIFFICULT CUTTING

It has an INDEPENDENT ACTION by Means of a Joint in the Frame, instead of the Moving Bar, so that the Knife is alway Kept in Line With the Gearing.

It is Easy Draft for Two Horses, and can Cut Heavier LODGED GRAIN without Clogging than any other Machine on the Pacific Coast.

This Machine is the same as the Combined in every particular, only the Reaping Attachment is left off, and parties buying it can afterwards buy the whole or any part of the Reaping Apparatus from the Common Reel to the Self-Rake.

This large KIRBY MOWER is the only mower that has an independent action, and can use a reel when mowing, especially in windy weather. It can be bought as a Mower, with or without a reel.

In soft, sandy, sediment land, the lifter-wheel, on account of the narrowness of its rim, will sink in quite deeply. In this case a WIDE BAND should be provided and slipped on it, which will prevent the difficulty. The wheel as it is, will run very well on hard ground. These bands with all the Extra parts, will be kept Constantly on Hand, to supply all the calls of purchasers.

As a machine for clipping mustard, or cutting back grain that grows too fast, the Kirby Mower possesses advantages over all other Mowers from the fact that IT CAN CUT AT ANY HEIGHT from the ground, and work equally well and free under all circumstances

When you order EXTRAS for this Machine, always state the NUMBER ON THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose).

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINT your guards LOW by means of the forward bolt in the pole where it bolts to the machine. IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL

Be sure to keep ALL THE NUTS TIGHT and the JOURNALS WELL OILED, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the JOINT TIGHT WHERE THE PITMAN CONNECTS WITH THE KNIFE, and then your machine will work well without trouble or expense.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.
Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.
Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.
New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address
WARREN & CO.
FARMER OFFICE

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

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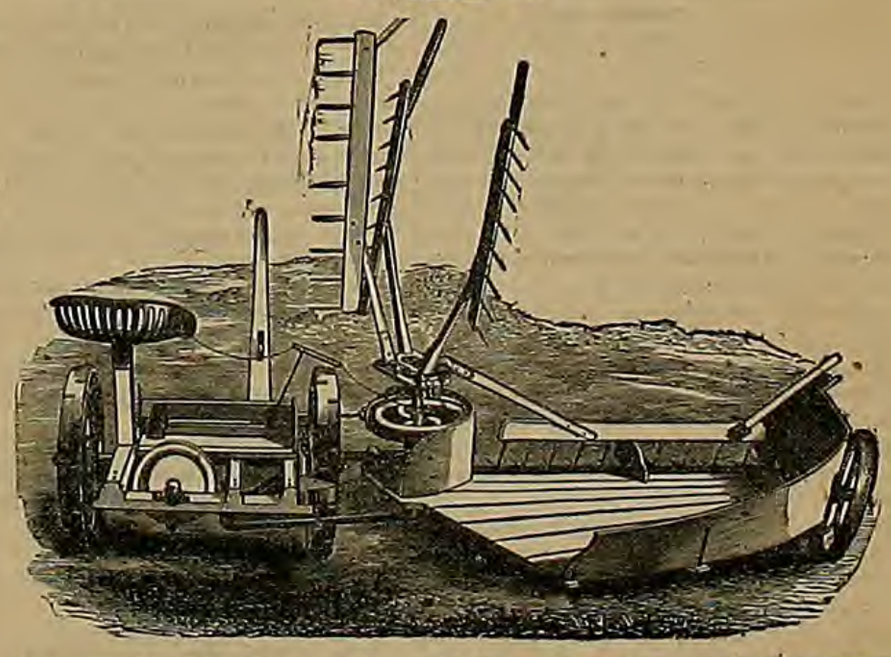

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Home Miscellany.

FATHER, TAKE MY HAND.

The way is dark, my Father! Cloud on cloud
Is gathering thickly o'er my head, and loud
The thunders roar above me. See, I stand
Like one bewildered! Father, take my hand,
And through the gloom
Lead safely home
Thy child.

The day goes fast, my Father! And my soul
Is drawing darkly down. My faithless sight
See ghostly visions. Fears, a spectral band,
Encompass me. Oh Father take my hand,
And from the night
Lead up to light
Thy child.

The way is long, my Father, And my soul
Longs for the rest and quiet of the goal;
While yet I journey through the weary land
Keep me from wandering. Father take my hand
Quickly and straight
Lead to Heaven's gate
Thy child

The path is rough, my Father! Many a thorn
Has pierced me; and my weary feet all torn
And bleeding, mark the way. Yet thy command
Bids me press forward. Father take my hand
Then, safe and blest
Lead up to rest,
Thy child.

The throng is great; my Father! Many a doubt
And fear, and danger compass me about,
And foes oppress me so, I cannot stand
Or go alone. O, Father! take my hand,
And through the throng
Lead safe along
Thy child.

The cross is heavy, Father! I have borne
It long, and still do bear it. Let my worn
And fainting spirit rise to that blest land
Where crowns are given, Father take my hand,
And reaching down
Lead to the crown
Thy child.

PASSING AWAY.

It is written on the rose
In its glory's full array—
Read what these buds disclose—
"Passing away."

It is written on the skies,
Of the soft blue summer day;
It is traced in sunset's dyes—
"Passing away."

It is written on the brow,
Where the spirits ardent ray
Lives, burns, and triumphs now—
"Passing away."

JUSTICE.

Carlyle says in this God's world; with its whirling eddies and mad-foam oceans, where men and nations perish, as if without law and judgment, for an unjust thing is sternly delayed, dost thou think that there is therefore no justice? It is what the fool has said in his heart. It is what the wise in all times were wise because they denied and knew forever not to be. I tell thee again there is nothing else but justice; one strong thing I find here below—the just thing, the true thing. My friend, if thou hadst all the artillery of Woolwich marching at thy back in support of an unjust thing, and infinite bonfires visibly waiting ahead of thee to blaze centuries to come for thy victory on behalf of it, I would advise thee to call Halt, to fling down thy baton and say, "In God's name, no!" What will thy success amount to? If the thing is unjust, thou hast not succeeded, though bonfires blazed from north to south, and bells rang, and editors wrote long articles, and the just thing lay trampled out of sight to all mortal eyes, an abolished and an annihilated thing.

AN ANALYSIS OF FOOD.—It is stated that a hungry man who sits down before a pound of beefsteak, tender, juicy and an inch thick, and eats it, will find upon analysis that sixty-five per cent. of his steak was water; that eighteen per cent. will go to give him an aldermanic fleshness, and that fourteen per cent. is assigned to warm him and make him feel comfortable on a cold day. Of the flesh forming ingredients, according to Dr. Playfair, every one, on an average, requires ninety-two pounds annually to keep up a proper bodily condition. If it is not obtained from steaks, then it must be secured from something else. Cheese is a great flesh former, (30 per cent.) and taken with beer speedily conceals all traces of unsightly bones. Two ounces of flesh formers per diem will keep a man alive if he is not forced to labor, but hard labor requires six, or the body will run short of starch and sugar, and go behindhand in health and strength. In 100 parts of wheat there are 10 pounds of flesh, but there is nearly double the amount in the same quantity of oat-meal.

SIMPLE AND PERFECT CURE FOR BURNS.—Take essence of peppermint and whiskey, in proportion of one part peppermint and three parts spirits, and apply with cloths, and it gives perfect relief instantly. Peppermint and sweet oil is equally good, put on with cotton. This should be always on hand, whenever there is danger from such accidents, as it acts like a perfect charm, and will not fail to relieve.

THE LITTLE ONES.

A row of little faces by the bed,
A row of little hands upon the spread,
A row of little roguish eyes all closed,
A row of little naked feet exposed.

A gentle mother leads them in their praise,
Teaching their feet to tread in Heavenly ways,
And takes this lull in childhood's tiny tide,
The little errors of the day to chide.

No lovelier sight this side of Heaven is seen,
And angel's hover o'er the group serene;
Instead of odor in a censor swung,
There floats the fragrance of an infant's tongue.

Then, tumbling headlong into waiting beds,
Beneath the sheets they hide their timid heads,
Till slumber steals away their idle fears,
And like a peeping bird each face appears.

All dressed like angels in their gowns of white,
They're wafted to the skies in dreams of night;
And Heaven will sparkle in their eyes at morn,
And stolen graces all their ways adorn.

HOW TO MAKE MOTHER HAPPY.—"Why mother, how bright and cheerful you look to night! What has happened?"

"I feel very happy my dear, because my little boy has really tried to be good all day. Once when sister Katie teased him and he spoke quick and cross to her, he turned round a moment after, of his own accord, and said he was wrong and asked her to forgive him. I believe I should grow young and never look tired or unhappy again, if every day my little boy and girl were as thoughtful, unselfish and loving as they have been to-day."

Here's a grand secret for you little ones. And now that you know how to make mother happy, may you keep her face always full of sunshine.

THINGS A MAN CAN'T DO.

"Jennie T. Hazen," in the *Chicagonian*, says there are some things a man can't do, as follows:

Some woman, in a sudden burst of ingenousness, has acknowledged that there are some things a man can't do, and expresses unbounded admiration for the men who do these things so deftly.

Well, what if they can do two or three things better than a woman? I, for one, am not going into ecstacies over them, nor will I make a standing exclamation of myself, they can "do up" a bundle and carry an umbrella.

Women can do a hundred things that they can't, but they never think of making a great fuss over it.

One thing a man can't do is to own up frankly that he can't do everything better than a woman can. Another thing a man can't do is to carry "the baby." I've tried them, and I know. You just take one—a baby, I mean—and "do it up" in the blankets and shawls, all snug and nice, and give it to Joseph to carry, while you are putting on your sacque and hat, just keep your eyes on the baby, and you will see an ominous squirming in your bundle, and hear certain half smothered—but to you well understood sounds. Upon investigation, you will find the baby red in the face, and its heels where its head ought to be. You take it and shake it up a little, give it a soft pat here and there, and restore it to him "right side up."

Will he acknowledge it was his fault? Will he confess he don't know how to carry the baby?

Thirdly, as our good parson used to say, about the time he ought to have said "seventeenthly and lastly"—he cant hook up a ladies dress, at least he could not years ago, when ladies' dresses hooked up in the back. There was always three or four hooks and eyes that I could not reach, and times without number I've called upon "my John" to hook them.

The good, clumsy fellow would fumble away with fingers that were all thumbs, while he grew red in the face with his efforts to make the "plagued thing hitch," giving it up at last with "hang the things! Why don't you have buttons as we do?"

Let me think! What else is there that he can't do? He can't make tatting, or crochet; he cant wear crinoline, nor manage two yards of trail; he can't wear a "love of a bonnet," or a balmoral shoe; and last, and best of all, he can't say "No?" to an offer of marriage, and that's the blessedest privelege we women have.

APPLE PUDDING.—MR. EDITOR,—Seeing in your paper a receipt for apple pudding, allow me to say, as far as my experience proves, the very best kind of crust for boiled pudding is simply a little salt in the flour and scald with boiling water, not pouring so much as to make it soft and sticky, but rather dry; let it cool roll out; then put a layer of apples and the roll, another layer and so on three or four times; close up the ends and roll tight in a cloth, folding in the ends. put into boiling water with salt, boil one hour, and it will come out what we call a bolster pudding; take it directly from the water to the table and eat with butter, sugar and cream.

Black currants preserved and made with this crust in a dish as a pie and *boiled* as above, and eaten with cream, I consider one of the very best desserts that can be sent to the table.

TO STEW ONIONS.—Peel the onion nicely, take those of an even size, wash them, put them into a stew pan (porcelain) with no more washing than left from the washing, with two ounces or butter, pepper and salt slightly, add a stick of cinnamon, and stew slowly for fear of corching before they draw a sirup; when almost done remove the cover, and finish cooking.

Please let me know if you ever eat a better dish. ADDIE.

—*Germantown Telegraph.*

Women charm, as a general thing, in proportion as they are good. A plain face with a heart behind it, is worth a world of heartless beauty.—Men who have tried both, agree on this.

Miscellaneous.

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A FARM IN NAPA VALLEY
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Small tracts for Residences
At and for sale—One two, and three years credit.
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is prepared to buy
FLAX STRAW
—DELIVERY AT PRESENT OR NEXT SEASON.—
Apply for further particulars to
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No. 5 Sansome St. San Francisco.
31 3.

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place, No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them. 32-1

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THE GONDUIN RED.
Long Bunches, rich and delicious.
THE LA PALLEAU.
A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.
BLACK NAPLES.
Very fine for preserves and Jellies.
WHITE GRAPE.
A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.
PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental.
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Rare Kinds ROSES,
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This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.
Sent to Farmer Office will be promptly attended to

Miscellaneous.

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SANTA CLARA, CAL.
Conducted by the Fathers of the Society of Jesus.

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TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.
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This paper has been recently enlarged to mammoth proportions. *It is the Largest Religious Paper in the World.* Is the leading organ of the Union Movement, and opposes ritualism, close communion, exclusiveness and church caste. It is the only paper that publishes Henry Ward Beecher's Sermons which it does every week, just as they are delivered,—without qualification or correction by him. It advocates universal suffrage; a union of Christians at the polls; and the rights of labor. It has the best agricultural department of any paper in the world; publishes stories for the family, and for the destruction of social evils. Its editorial management is impersonal; its writers and editors are from every branch of the church, and from every grade of society. It has been aptly termed the freest organ of thought in the world.

Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

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Those which are advertised by these Art Publishers, can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
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Those estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will them if they communicate with this office immediately

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We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

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This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing to and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden with all manner of luscious fruits, and with a judicious care and management, the entire cost of the place could be returned again in a few years *by its productions*, can learn of the owner by applying to the Editor of the Farmer. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco at Gold Value, will be received in part payment and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN &

Miscellany.

A SONG FROM THE SUDS.

BY LOUISA M. ALCOTT.

Queen of my tub, I merrily sing
While the white foam rises high;
And sturdily wash and rinse and wring,
And fasten the clothes to dry;
Then out in the free fresh air they swing,
Under the summer sky.

I wish we could wash from our hearts and souls
The stains of the week away;
And let water and air, by their magic, make
Ourselves as pure as they;
Then on the earth there would be indeed
A glorious washing-day!

Along the path of useful life,
Will heart's-ease ever bloom?
The busy mind has no time to think
Of sorrow, or care, or gloom;
And anxious thoughts may be swept away
As we busily wield a broom.

I am glad a task to me is given
To labor at day by day;
For it brings me health and strength and hope,
And I cheerfully learn to say,
"Head you may think, Heart you may feel,
But Hand you must work alway!"

ART AND ARTISTS.

[From Watson's art Journal of Jan 9 and other sources we glean the following upon art and artists.]

It is stated that Rosa Bonheur, *brushes* eight thousand francs into her pocket yearly.

The Peerless Parepa-Rosa will give her second Grand Concert at Steinway Hall, on Friday Evening, January 15th. The excitement to hear this admirable and popular artist, was evidenced by the over flowing audience at Steinway Hall, last evening, Friday, and as appetite grows by what it feeds on, we may expect that the second concert will prove as brilliant a success as the first.

BEAUTIFUL PAINTINGS.—There are now on exhibition at Springfield, Ohio, a group of three small paintings in oil which are very creditable achievements in art. The finest of the three is a beautiful view on Lake George. Another is some Domestic Fowls, and the third a cluster of Apple Blossoms, all three are the work of a pupil of professor Manzon's; and were executed at the Cooper Institute in this city.

MUSICAL JOKE.

Billings, the celebrated musical composer, boasted that there was no point connected with the science of music that he did not understand. A wag sent him a note, requesting an interview with him on a particular day, to consult on a difficult question of music, which he said no other man could answer. Billings promptly met him, and said to him: "Whatever your question may be, I pledge myself to answer it, as there is nothing connected with music that I have not mastered." "My question is an important one," replied the wag, with the most serious face imaginable; "indeed it affects the whole world, and has never yet been answered" "Let me hear it," said Billings, growing excited. "It is this," said the other; "when a man snores in his sleep through two octaves, so that the whole house can hear it, do you consider the sounds produced to be vocal or instrumental music?

TRUE INDEPENDENCE.—To lead a truly independent life one must live out of their own individuality, guided by a conscientious and religious life, for how useless it is to rely for happiness on "the world." If you would pass through life in the easiest possible manner shrink from nothing in itself virtuous and rational. Venerate that which is inherently changelessly right. Release your mind from the trammels of conventionalism, and suffer no other restraint upon your acts than that imposed by conscience and the Bible; so you will insure a sweet immunity from countless petty cares and annoyances, acquire an ever-increasing strength of character, and build on a firm and durable basis that inward respect for yourself, which is incalculably more to be valued than the changeful approval of artificial people.

VERY WELL TOLD.—The next morning the judge of the police court sent for me. I went down and he received me cordially; said he had heard of the wonderful things I had accomplished by knocking down five persons and assaulting six others, and was proud of me. I was a promising young man, and all that. Then he offered a toast: "Guilty or not guilty?" I responded, in a brief but eloquent speech, setting forth the importance of the occasion that had brought us together. After the usual ceremonies, I was requested to lend the city ten dollars.

PRESERVATION OF FLOWERS.—The following is a very simple way to keep flowers in a vase fresh for a long time:

Put a tablespoonful of powdered charcoal into the water which is to recieve the flower-stalks. The charcoal will settle immediately on the bottom of the vase, and the water will remain liquid. This done it is not necessary to renew the water or the charcoal for several days. The flowers will keep their freshness and their perfume, and will look and smell as fine as though just brought in from the garden.

—A white boy met a colored lad the other day and asked him what he had such a short nose for. "I spects so it wont poke itself into other peoples busines."

—A chap from the country, stopping at a hotel sat down to dinner. Upon the bill of fare being handed to him by the waiter, he remarked: "I don't care about readin' now—I'll wait till after dinner."

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing and board will please apply to J. M. STAPLES,
31-1 Proprietor of the Auzerais House.

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

THE NAPA HOTEL,

CORNER FIRST AND MAIN STREETS,

Napa City.

THIS HOTEL HAS BEEN MUCH ENLARGED d improved, and can now offer superior advantages the Traveller or Permanent Boarder who desires a omfortable, quiet, cleanly home.

Particular pains have been taken by the Proprietor to make this Hotel airy and healthy, so that his patrons may enjoy themselves.

Travelers to the Geysers, Calistoga, and the beautiful country around, will find at this Hotel every facility, by reason of its convenience to the railway cars, stages, etc, while Horses, Carriages, etc., are at command at a moment's notice.

☞ Public patronage respectfully solicited.
18 JOHN HOGAN, Proprietor

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.
HURON, ERIE CO., OHIO.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES.

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO
30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL Concord HARNESS, for the Pacific Coast.

GERRISH

SUBMERGED DOUBLE-ACTING

FORCE PUMPS.

Patented by J. A. Morrell, Oct. 20, 1857.

The Cheapest, Simplest, and most Durable Pump in the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

MANUFACTURED AND FOR SALE BY

LINFORTH, KELLOGG & RAIL,

IMPORTERS AND JOBBERS OF

Agricultural Implements and Mining Tools,

Nos 3 and 5 Front street, San Francisco.

[30 6 3m]

Farmers, Attention!

Flax-Seed a Castor Oil Beans Wanted.

We want 150 0 Tons ax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30 23 (Kl San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL.....$750,000 00
SURPLUS, July 1st..... 363,862 82
CASH ASSETS.....$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN.
MARINE,
INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
A. Seligman,
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Chas. Mayne,
Moses Ellis,
E. L. Goldstein,
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W. Scholle,
Morton Cheesman,
H. Hanssmann,
D. W. C. Rice,
Oliver Eldridge,
E. W. Leonard
S. Steinhart,
P. L. Weaver,
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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

upon the red cover of the package

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California stret.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

anufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE, &c.

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, [illegible]
30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, February 11.

Grain, &c

Our Grain Market presents no very material change in rates from last week, and none materially, save less demand, and this we presume to arise from the severe storm which has prevailed for weeks past more or less severe.

It will be seen by those who glance at our Dailies, that in their commercial columns they all admit a dullness and the tendency to a decline in prices of wheat and flour.

Flour has rarely been at the low figure now ruling.—Good superfine can be had at 4 to $4 50, and extra flour 4 75 to $5 25 of various brands. The retail of extra Family flour is from 5 25 to $5 75.

We learn from the Millers, that although they keep on grinding it is to little or no profit. But customers must be supplied, therefore they 'keep moving.'

The continued rains will induce a still continuance of plowing and of planting too, as there can be no doubt but with the great depth to which the moisture has descended into the earth, that in many localities wheat, planted *this month* will mature finely, and barley will be planted quite late, as it is being noticed by some of our grain growers that a much too small amount was planted last year, and they are now turning their attention to putting in a crop of barley now as a clear gain, by reason of the favorable season.

As we have before remarked, our grain growers must look well to their crops and sale of the same in season another year, for there are large operatoos in the field, and they have large crops too, and when the Harvest Season comes, these operators will *make the market.*

In the first years of 'Barley planting,' the crop was frequently put into the ground as late as March, and even April, when the season was wet, and there can be no doubt but that a fine crop can be raised this year, if *planted even in March.*

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 75	@	1 80
Barley, ₱ 100 lbs	2 15	@	2 25
Rye ₱ 100 lbs	3 00	@	3 50
Oats, California, ₱ 100 lbs	2 10	@	2 25
Corn, ₱ 100 lbs	1 65	@	1 70
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 75	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 75	@	5 00
Corn Meal, ₱ 100 lbs	2 75	@	3 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	22 00	@	25 00
Middlings ₱ ton	27 00	@	30 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	500	@	7 50
Potatoes	75	@	1 00
do sweet	2 00	@	2 50
Onions	2 50	@	3 75
Hay, ₱ ton, extra	13 00	@	18 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Retail Prices in the Fruit Market.

Fruit of first class quality is exceedingly scarce, and for mere ordinary stuff, prices are ruling high. Pine Apples and Bananas are the ruling varieties. Good pears are scarce—apples pretty abundant.

Apples, ₱ box	1 50	@	3 00
Pears, ₱ lb	8	@	10
Plums, ₱ lb,	—	@	—
do Large		@	—
Peaches, ₱ lb		@	—
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	—
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	20	@	25
Strawberries, ₱ lb	—	@	—
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ doz	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00

Retail Prices in the Vegetable Market.

There has been a scarcity of some of the best vegetables during the week, nevertheless on the whole, we have nothing to complain of. New potatoes are coming more freely to hand. Fresh tomatoes are also arriving from Mexico, and can be purchased at the low rate of twenty-five cents per pound. Some excellent specimens of the silver giant Celery were brought to Market, also splendid specimens of Thorburns Nonpareil Cauliflowers. It is a favorite with many of our gardeners,

Asparagus, ₱ lb	75	@	1 00
Artichokes, (Fr.) ₱ doz		@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	35
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	75	@	1 00
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches	—	@	25
Cucumbers, ₱ doz	—	@	—
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 00	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb	—	@	—
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	30
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	8	@	12
do Sweet	8	@	10
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley	25	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	37
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	3	@	8
do Hubbard	3	@	8
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	—	@	50
Salsify, ₱ bunch	—	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	25

FISH

The extremely boisterous weather checks the operations of our jolly shellbacks, consequently our market is but indifferently supplied. Prices are good.

(Tessmore and Hayes.)

Salmon, ₱ lb	15	@	20
do smoked, new		@	—
do pickled, ₱ b	—	@	8
do do ₱ lb		@	—
Salmon Trout ₱ lb	—	@	—
Smelts	—	@	12
Perch	—	@	12
Rockfish	—	@	12
Codfish, dry	—	@	12
Herring, fresh	3	@	6
do smoked		@	1 00
Tomcod	—	@	12
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft		@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	16
Sea Bass		@	12
Halibut, rare	—	@	—
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	—

POULTRY AND GAME.

In consequence of the festivities of the Celestials, who are so very numerous in this free country, all the hens and chickens have been bought off by them, and at prices almost unprecedented. Of course, an occasion like the present, 'John' becomes exceedingly extravagant, consequently the high rates quoted below. Chick-realizing ten and twelve dollars per dozen, wholesale, sounds well for our Ranchmen, and as Chinese increase and multiply, so in proportion will the demand for the gallinaceous tribe increase,

(A. A. Londerback.)

Ducks, wild ₱ pair	75	@	1 00
do tame	1 25	@	1 50
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 25	@	3 00
Chickens, each		@	1 00
Turkeys, ₱ lb	25	@	30
Hens, each	1 50	@	2 00
Snipe, ₱ doz		@	3 00
do English	—	@	—
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 00
Spring Chickens		@	10 00
Turkeys, ₱ lb	20	@	—
Ducks, tame, per doz		@	12 00
do wild,		@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair		@	3 50
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	1 50	@	—

MEATS.

Business with our Butchers has been extremely brisk. The demand for the good substantials of this life is much on the increase. It is conspicuously evident that the vastly increased demand indicates that the population of this our Golden City is rapidly on the increase, prices firm and good,

(L. Miller & Co.)

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	35

DAIRY—BUTTER, CHEESE, EGGS ETC.

The prices in our butter and egg market fluctuate very much, sometimes in consequence of the large orders our merchants have for shipment up country and at others in consequence of the bad state of our roads, which almost puts a stop to communication. The difference this week may be attributed to the unusual demand for Celestial rejoicings, nevertheless at all times we have thought the prices in this department cover more profit than any other articles brought to the city.

(M. B. French & Co.)

Butter, California, ₱ lb (Fresh)	60	@	65
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	—	@	65
Duck-eggs	—	@	65
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar, ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	50	@	55
do do packed	—	@	—
do Eastern (new)	35	@	40
Cheese, California	19	@	20
Eggs, ₱ doz	—	@	62
Lard, ₱ lb	13	@	14

New Productions of California,

Flax Seed ₱ lb	3½	@	4
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3	@	4½
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	30
do. Imported	35	@	40
Mustard Seed	3 00	@	4 50

San Francisco Cattle Market.

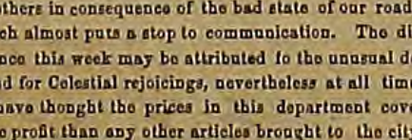
AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 11½@ 13 c ₱ lb
do. 2d do. 8@10c.
MUTTON—10@12c ₱ lb. LAMB— @12c.
PORK—undrssed, —@5½c; dressed, 9@10c.
VEAL—10@12c ₱ lb.

WOOL, TALLOW, HIDES ETC.

Wool, best fall clip	16@18½
Medium	12@15
do burry	10@12
Wool-sacks, new	75@80
do second-hand	40c@50
Dry hides, ₱ lb	15@16
Green salted, ₱ lb	7@7½
Sheep skins, wool on	30@50
do do plain	12@25
Goat skins, each	25@50
Refined Tallow	8@2¼



GARDEN GROUNDS LAID OUT,

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

Feb. 6.—GOLDEN AGE—Capt. E. S. Farnesworth, connecting with the ALASKA, Capt. Gray.
Feb. 13.—COLORADO—Capt. W. H. Parker, connecting with the RISING STAR, Capt. King.
Feb. 22.—SACRAMENTO, Capt A. West, connecting with HENRY CHAUNCEY, Capt. Connor.
Feb. 27—MONTANA— Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury,

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

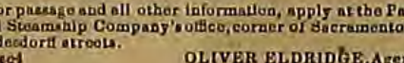
ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD



ON AND AFTER THURSDAY, NOV. 5th, UNtil further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wadsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermitt, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Ra berry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davisc Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these ne and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the

FARMER OFFICE.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLA in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine 'Dr. McL Vermifuge, they very frequently get one or other of the many worthless preparations called Verm now before the public. We therefore beg leave to urge upon the Planter the propriety and n ance of invariably writing the name in full, and to advise their factors or agents that they will not r other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., P BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements a alent in the South and South West, has induced the venders of many worthless nostrums to claim for their parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are th ginal and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Plant Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, PA

DR. M'LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPL and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in th South, where, in the majority of cases, the patient is not within the reach of a regular physican, re some remedy should be provided, that would not in the least impair the constitution, and yet be safe and That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced they have been so tested, and that the result has been in every respect favorable, we call thousands to wit have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS are not held forth or recommended, (like most of the popular me the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is to perform, and on the regular execution of which depends not only the general health of the body but the of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance to health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the body, b oreises a powerful influence over the mind and its operation, which cannot be easily described. It has s connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful cha that it misleads more physicians, even of great eminence, than any other vital organ. The intimate co which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises ov passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal st or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have be convinced that more than one-half of the complaints which occur in this country, are to be considered as their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Deranged State of the Bowels. Irritable and Vindictive feelings and Passions from trifling and inadequate of which we afterwards feel ashamed; last, though not least, more than three-fourths of the diseases enu under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increas pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometim pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometim taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels i ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, sensation in the back part. There is generally a considerable loss of memory, accompanied with a sin tion of having left undone something which ought to have been done. A slight dry cough is sometimes an ant. The patient complains of weariness and debility; he is easily startled; his feet are cold or burning, complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every re Several of the above symptoms attend the disease; but cases have occurred when few of them existed yet e nation of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when taken Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not pu or three times by next morning, take one or two more; but a slight breakfast should invariably follow th The Liver Pills may be used where purging simply is necessary. As an anti bilious purgative they are to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derange the Stomach

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an in fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too often happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids to treatment, ludicious in other respects, but which entirely fails in consequence of worms being overlooked, even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with oc al flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upp occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nauses and v violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by cough sometimes dry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; temper v but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPE UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to war in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual viding the symptoms attending the sickness of the child or adult warrant the supposition of worms being th In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MER IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIE This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver P Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, FEBRUARY 18, 1869. NUMBER 5

The California Farmer AND Journal of Useful Sciences.

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BY WARREN & CO.

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SAN FRANCISCO.

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By mail, for one year, $5; for six months, $3. For a Club of five new subscribers, a sixth copy will be sent gratis. When payments are delayed six months $1 additional per year will be charged.

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☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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FROM GOV. CLAFFIN'S MESSAGE.

AGRICULTURE AND PUBLIC ROADS.

[We ask the attention of the readers of the Farmer to the following Extract from the message of GOV. CLAFFIN of Massachusetts, *upon the* subject of AGRICULTURE and PUBLIC ROADS, two subjects which we hope will recieve the attention of our Legislators at the Next Session of our Rulers this winter. Old Massachusetts (God Bless her) has always cherished all her Industrial Interests and this is the cause of her present PROSPERITY.]

More than ordinary prosperity has attended the labors of the farm during the past year, and the products of agriculture are estimated at over $40,000,000. The crops of the farm, the orchard and the garden were abundant and generally satisfactory. It is gratifying to notice the gradual improvement of an interest which lays at the foundation of all wealth in any civilized community. The improved modes of culture, improved farm stock, and improved farm implements, mark the advance of a new era, when more thought, more mechanical skill, and greater scientific attainments will be applied to develope all our material resources; and when greater and more profitable results will follow the labors of husbandry. Nature has done so little for us, in comparison with her bountiful gifts to the grain-growing regions of the West, that science and art must be called upon to do more. It was a wise forethought, therefore, that incorporated into our organic law the injunction upon the Legislature to encourage the development of agriculture. This has been done through the medium of Agricultural Societies in the form of prizes to successful competitors in the various departments of farm industry. Many of these societies are undoubtedly accomplishing a good work, they stimulate energy and enterprise, awaken thought and inquiry, and spread information among the people.

Closely connected with our agricultural and other prominent interests is the system of public highways. Few things are of greater importance to a community, or a surer test of civilization, than Good Roads. Those of our fellow citizens who have visited Europe are unanimous in their opinion that our public roads are far inferior to those of other countries, where the means of easy and safe communication are better appreciated. The science of road making is apparently not well understood; or, if it is, the present modes of superintending the construction and repair of roads are so defective; that the public suffers to an extent of which few of us are aware. It may be found on investigating the cause of our miserably poor and ill-constructed roads, that the laws relating to this subject need revision, so as to give more uniformity in the construction and repair of our highways. It is evident also, that the science of road making should have a prominent place in the course of applied at Mhematics at the Massachusetts Agricultural College.

The Savannah *News* says that the prepared fibre of the Ramie plant resembles the fleece of the Cashmere goat. It is very fine, yet stronger than hemp. The stalks are cut from the field, and ginned, and the article is then ready for the market. Three or four crops can be raised during the year.

THE WHEAT GROWING INTEREST.

We take the annexed article from the Bulletin of February 3d, and the Letter of the "Chico Farmer," which they copy. We also copy from the Bulletin of February 11, their *suggestions* to our Farmers relative to themselves and their business, and while these remarks may all appear very plausable and fair, we think they rather aim a slight thrust into the "Union's tender spot, and probably a touch at the Market Review of the Commercial Herald, Perhaps they may include the 'Farmer,' as we have ventured to *advise the Farmers*, because we believe they are always desirous of *correct information*; and as correct as even the Bulletin; we believe also the Commercial Herald and Market Review, takes as much pains to give valuable information, and is as correct and reliable as even the Bulletin.

As for the Farmers, we feel satisfied that for all the past year, the advice and counsel given in this Journal has been sound, and if followed by our Farmers generally, would have resulted in a great gain to them.

It is amusing, we must say, to notice, that while the Bulletin in its *editorial* protests against giving advice relative to selling, or "holding on" to the wheat, it does not hesitate to copy from the American Agriculturist of New York, a very good article, every word of which being the very kind of counsel, that the Bulletin declines to give, and the very counsel the *Farmer* has given every month and almost every week, as the readers of the Farmer well remember.

We publish these articles to sustain those Journals that are the *real friends* of the Farmer, and those who have been desirous of their prosperity, and we think the Farmers know *who are their friends*.

The following is the article alluded to.

A WHEAT GROWER IN THE VOCATIVE, &c.—A Tehama county farmer—one, we suspect, of a pretty large class in the same condition—illustrates, in a communication published below, the advice which the *Union* has proffered so freely of late about the wheat market. The advice of that paper having been in the inverse ratio of its information, we see what comes of it, and are also able to note the value of the persistent attempts to discredit the daily quotations given by the papers of this city.

The *Bulletin*, having the best commercial facilities at hand, has not ventured to advise farmers about selling or holding on to wheat, but has been content to give the latest and most exact quotations of the home and foreign markets. And this being done, every farmer could decide for himself what he ought to do. The attempt to write down every man a knave who deals in grain in this city and to brand the quotations of respectable papers as falsehoods made in the interest of a "ring," has turned out a failure and something more. The wheat growers are out and injured But has not the ex-Secretary of the Labor Exchange had full swing in the effort to punish his enemies and reward his friends. And has not the garrulous 'Agricola' uttered his crude opinions through the same channel? Time vindicates the truth, even if it fails to sustain the ill-judged conclusions of our contemporary, or make good the losses incurred by following its counsels.

Hear what the Tehama Farmer says:—

Editor Bulletin.—I have read the crimination and recrimination that has appeared lately in the columns of the Sacramento *Union* and the *Bulletin* respecting the quotations of prices in the grain market, and like many others, my neighbors have found out to my sorrow that the editor of the *Union* is anything but a reliable prophet. Through his advice, when I could have realized last October $1 per bushel for my wheat, I held on to it to get an advanced figure, which the Union asserted wheat would surely command before the new year. The new year came, and wheat had fallen instead of rising, and still the Union said "hold on," until storage and interest have nearly compelled me to sell at any price, and yet the price of wheat declines.

Again, as one of the most potent reasons why I should still persist in holding on to my grain, the Union predicted a *drought*, and a total failure of crops the coming year, and notwithstanding the earth is saturated with moisture, still it rains, and the abundant harvest in prospect threatens to sink still lower the already deteriorated value of my last season's crop. What shall I do? I have no longer any confidence in the quotations or predictions of the Union. Is there any show of our selling out my grain to the Union, and persuading them to take the risk of the "hold on policy?"

Tehama county; Jan. 29, 1869. J. H. T.

The Bulletin of the 11th thus counsels the Farmers:

"Considerable gratuitous advice has been given to California farmers the past few months, as to the proper time for them to sell their produce, and as to what constitutes a fair price for the same.—It is quite safe to say that no well informed farmer *needs* any advice of this kind; and it is, perhaps, equally safe to say that most of our farmers are sufficiently well posted in the general markets to look out for their own interests quite as well as their disinterested friends. It is both natural and right that farmers should desire and strive to secure the highest market price for their produce.—This object perhaps is quite as generally obtained by selling at one season as at another. The most ambitious farmers do not always obtain the highest prices; indeed the reverse is more frequently true. Holders of property of any kind, whose views are always just a little in advance of the rising market, generally fail to discover when the market has reached its climax, and hence often have to sell at a much lower figure than their less avaricious neighbor. As a general remark, those who only demand a fair price for their property, in view of all the existing circumstances at the time of sale, succeed quite as often as any other class. In this connection, the following paragraph from the "American Agriculturalist" is worthy of attention.

"Sell when you can get a good price. This should be the farmer's rule, To hold produce in hope of getting extravagant prices may occasionally succeed, but it generally fails. Farmers by holding back their produce, may help speculators "form a corner," but the speculators never divide the profits. If you can get a fair price, sell as soon as you are ready. But if an article that you can hold does not bring a fair price—if it is below the cost of production—do not dispose of it—it will certainly rise. We know that there are few things that make a farmer 'feel so bad,' as to find that if he had held his produce a few weeks he could have got a much higher price. We know farmers who sold their Barley last fall at $1 50 and their Wheat at $2 25, while some of their neighbors held both and sold the Barley at $2 10 and have their Wheat still on hand. Now it is not pleasant to think that you could have got 60 cents a bushel more for the Barley, but then there is some consolation in thinking that you got 50 cents a bushel more for your wheat than you could get now.—We once crossed the Atlantic with a well known captain in a sailing vessel. Another equally celebrated captain left Liverpool on the same day.—When we took in the pilot the first question the captain asked was: "Any news of the New World?' "She reached New York three days ago.' We all 'felt as bad' at being beaten, as the farmer who sold his Barley at $1 50. But our captain remarked: "He must have taken the southern course. He has hit it for once. But it is wrong nevertheless." So we say to the farmer who got $2 10 for his Barley. He hit it for once. But the principle is wrong. Better to sell when you are offered a fair price. This same farmer had some capital hogs. They were very fat, and he was offered 13½ cents for them. He kept them three weeks longer and sold them for 10½ cents.

[Comment on the above, is needless, for it strengthens the position this Journal assumed in advising the farmers of this State, to sell, sell, sell, they *were* getting a fair average, a liberal price, and we advised them to sell, the very course indicated by the "Am. Agriculturist." ED. FARMER]

TO ORCHARDISTS.

A grand chance will be offered to an orchardist who desires to engage in RAISING FRUIT on a large scale for Exportation over the Rail Road east. A large and valuable orchard, covering over *forty acres* with the best kind of fruit bearing trees, where an income of over TEN THOUSAND DOLLARS per year can be relied upon, is now offered for sale by reason of the present owner changing his business.

A very fine and large Mansion house of modern style nearly new, and very handsomely furnished with large Barn, and Stables, Carriage house, and Sheds, Fruit house and all other buildings needed together with suitable Teams and Tools to carry on the place.

The mansion is surrounded by Splendid shade and Ornamental trees and fine finished avenues leading from the public road to the Residence.—This estate is one of the most desirable that has been offered for sale for years, and for a gentleman who desires a place ready to hand, has no superior in our State.

None need apply without ample means, as there is room for a large and permanent profit.

Apply to the *Editor of the Farmer.*

IN THE MOUNTAINS.—The snow-sheds of the C. P. R. R. have stood the storm beautifully. Trains will probaly be able to run through from Alta to Truckee by monday, There is a large force of men and fifteen locomotives with snow- ploughs now at work. The snow- sheds are a perfect protection where complete, but on the other side of the Summit they are unfinished. Another winter will bring full protection. —*Sac. Bee.*

—How did Adam get out of the garden of Eden? He was *snaked* out.

Good fortune—the possession of happiness.

BEE KEEPING ILLUSTRATED.

The instincts of the honey bee tend to a rapid increase of colonies by swarming. In a good field they increase by doubling and trebling their number anually, : if in common sized hives, of from one cubic foot to 2000 cubic inches:

Increase by annually doubling by swarming, gives 64 in seven years from one, and 512 in ten years: increasing by each colony, securing a first and second swarm anually, will give in five years, 81 from one, and in ten years, 19,636. It is not very uncommon success to double or treble colonies for three or four years. Mr. Quimby, and Mr Miner, suppose they may be doubled in ten years up to 512 colonies. In this section the highest safe limit for profit from surplus honey, would be reached by doubling from one colony in six years, and by trebling in four years, twenty seven to thirty two.

Thirty colonies is as many as can be most profitably kept on a square mile in this section. Last season (1867) there were perhaps twenty five old colonies on the square mile in my apiary; and in the two neighboring apiaries, one within ten and the other within eighty rods of mine. Mine averaged 62½ surplus lbs. in the farmers hives, and 125 in the Eureka hives; and my neighbors secured what they reckoned good returns from theirs. This season (1868) with forty colonies old and new my best hive gives but 147 lbs. against 174 from my best in 1867. and the average much below the last year. My neighbors secure but 140 lbs. from their whole twenty colonies.

My four best in 1867. gave 500 lbs, and in 1868. but 406 lbs. The community around ascribe it all to the difference in the seasons; no honey in the flowers; the poorest honey season I have ever seen, pass from one apiarian to another.

Now what are the facts? They are these! This is but an ordinary field for honey yielding flowers; twenty colonies found sufficient supply, forty colonies was two much for the field; give them an accession of equal numbers another year and one half of them will not secure enough to live through the winter. Remove half of them and the remainder will do well again," will have a good season. The truth is the field is over stocked with bees: forty colonies to the square mile cannot be very prosperous; in Albany, and vicinity in the class of hives which we call swarmers, bees will continue the process of swarming until they so far exceed the capacity of the field that one half of them fall short of winter stores. They must be fed or broken up. There is a great reluctance in lessening the number of stocks.; weak ones are preseived to go through the winter.

The result is,' quite a portion of them die, and another part are so weak as to invite the debredations of the moth, and often of the strongest swarms form the stock for the labors of the season, so many have failed; the bees prosper for a season or two, and after a little time of successful labor, poor seasons again occur, and many of the bees perish, An acquaintance informed me had kept bees 52 years commencing with one hive and going as high as 50; and several times been tduced to four swarms; He has been counted one of our most successful Apiarians because he has kept bees so long. This uncertain state of the business will be sure to result from the use of small hives, and the encouragement of so frequent swarming. To give permanence and certainty to the business we must limit our colonies to the capacity of the field. For this purpose we must introduce non-swarming hives; Effective non-swarming hives must give sufficient surplus honey box room to store all the honey gathered by all the workers all the season.

In 1866 I built four hives with box room, for 125 lbs. of surplus. They pleased me so well I called them "Eureka" I placed a swarm in each; and patented them in 1867. In that season they gave me four new swarms and five hundred lbs. surplus honey in the boxes. Thus I received from them in one year enough to pay eight dollars each for the two hives, five dollars each for the swarms, and ten dollars for the right to use in one apiary, more than twice over in one season.

The season past has not been so favorable. My neighbors within eighty rods had 140 lbs. from twenty hives. My best gave me 147 lbs of surplus and my four best 406 lbs.

Convinced that more room must be given to to prevent swarming, I have constructed hives with larger surplus box room of 150 lbs. and another size with 200 lbs, box room- From these I have had no swarms issue; and I think with 200 lb. boxes they will rarely, if ever swarm

The hive is so constructed that it may be used with movable comb frames, pars fastened in place, or moveable bars with side guides,

Two new swarms placed in my hives by a neighbor in 1868, gave 114½ lbs. surplus. Twenty five hives in his old swarming hives, gave less then 100 lbs. surplus from the twenty-five.

I have little faith in confining the Queen or clipping her wings to prevent swarming as the same disposition to swarm will be felt; the same preparation to swarm will be made, and the same delay of labor by the workers. if not greater delay.

But with ample room to store all the honey they can gather, they will quietly fill box after box with workers, as they increase in the commencement of the season, and I now have little doubt that strong colonies, that would have made two or three colonies in swarmer hives, will often give 200 lbs. of surplus or more.

Albany, N Y. JASPER HAZEN.

PROTECTING ANIMALS IN STORMY WEATHER.

Farmers, generally, do not appreciate the loss sustained in the condition and health of domestic animals by their exposure to cold rains and storms. Most animals can endure severe cold as long as they can keep dry, but their bodies becoming wet, and kept wet, evaporation commences, which carries off heat rapidly' and they are soon chilled through and through. This almost always deranges health, and most especially with milch cows, which are less vigorous and less able to resist sudden changes from heat to cold than stock not devoted to the dairy.—Most of our domestic animals will endure sudden changes from cold to heat with impunity, but the opposite is often attended with very injurious consequences. Again, even if the health of the animals is not seriously impared, a large quantity of food will be required to sustain the heat thus lost, or there must be necessarily a waste of flesh.—

On the score of economy in food, to say nothing of deranged health, it will be cheaper to house cattle from cold storms and from wet, weather it be falling rain or snow. A certain amount of food is required to keep up the temperature of the body, and in extreme cold weather the appetite is much sharper than in mild weather. The extra food ordinarily used in cold weather is not employed for laying up flesh but is consumed to make heat. It is this principle which renders it more difficult and more expensive to fatten animals in winter than in warm weather.—There is considerable difference of opinion among stockmen in regard to the winter management of milch cows. The old class of farmers insist that stock is healthier when allowed to run in the yard most of the day. While others urge that the best results are obtained by keeping cows in the stable most of the time during winter, allowing them to go out each day for water, and returning them immediately to the stable. There is no doubt bu the latter system will require less food than the other, but it is not yet fully established that such close confinement is promotive of the largest development of health and vigor even when stables are kept clean and well ventilated. In good weather stock enjoy their freedom in the yard, and a few hours from their stall in the middle or warmer part of the day seems to be more in accordance with nature, even though more food may be required to carry the animal through. But in stormy weather, or when it is extremely cold, doubtless the best place for cattle is under shelter. Nothing pays better than care and attention to stock during the winter, and if a saving is to be made both in food and health, all storms and sudden changes of temperature must be guarded against as far as possible.—*Massachusetts Ploughman.*

STRENGTH OF OUR GOVERNMENT.

In eight years the strength of the Government of the United States has increased a thousand fold. Before 1860 the doctrine of State rights had well nigh foundered the central power. Government was nothing more than a chimera. The States were omnipotent. They could do everything. The people were ignored. The Constitution settled nothing, especially if slavery were involved. Have we a Government? was the people's question when Sumpter was fired upon. Have we a Constitution guaranteeing human right? is the question they are asking to-day. We have. It shall no longer be the machine of wrong. Insist upon its perfect adaptation to the present. Let it square with the primitive charter—the Declaration. Let it be worthy of the nation and the times. Let it bhe to palladium of human rights, the glory, power, and creed of a free country, where "liberty" is not a tinkling cymbal, and where "citizenship" is not sounding brass.—*Forney's Press*

THE FIRST TRAIN THROUGH.—A car has lately been completed at the Central Pacific Shop, under the direction of Ben Welch; designed as a tender for the passenger cars which are to compose the first through train to the States on the opening of the Road. It is divided into a large number of compartments—one lined with zinc for meat, several for groceries, vegetables etc; one, with a wire door, for live fowls; large tanks for fresh water; all arranged as neatly and compactly as can well be imagined. At one end of the car there are several berths for the accomodation of the train hands. The car is strongly built, and having both rubber and steel springs, is probaly one of the easiest riding in the State. *Sac. Union.*

White Pine—A man frozen to death lately; the price of a desire for rapid riches.

Agriculture.

ASPARAGUS.

BY D. P. VAN BRUEN, NEWARK, N. J.
—*In N. Y. Horticulturist.*

There is perhaps, no succulent vegetable more generally valued for its palatable, nutritious, and healthful qualities than asparagus, which can be successfully cultivated in any climate, from the tropics to the cold, bleak shores of Lake Superior, where it is found growing wild. Asparagus is also found in its wild state in low and often flooded fresh and salt meadows, as well as in the barren salt sands of the seashore, and when brought under proper cultivation, it gives a greater return for the labor bestowed than any other production of the market garden. Its proper mode of cultivation is less understood than any other vegetable produced for table use. My first knowledge of asparagus, (when a boy,) some forty-five years ago or more, was an old bed in my fathers garden which bed was put out by my grandfather before my fathers recollection. There the asparagus was cultivated, on the same spot of ground, until about 1810, when it became necessary to have the garden in another location. The old asparagus roots were removed and carefully put out again, where they remained out until 1852, when the bed was destroyed for the purpose of erecting a building. From the time of the removal of the roots until they were destroyed, forty-two years elapsed, and from the time of the first planting of the roots by my grandfather till they were destroyed was at least one hundred years.

MANURING ASPARAGUS BEDS.—The bed was always very well cultivated; the old stocks were cut off in the fall; the bed was liberally covered with manure, which was forked in in the spring. Until its destruction, the asparagus never decreased in quality or quantity. These facts of my own knowledge are satisfactory to my mind that the limited production of asparagus is only from a neglect of its proper cultivation. I find a great variety of opinions with writers in relation to the proper mode of propagating and cultivating asparagus. Some writers say it is necessary that the earth should be removed three feet deep or more, and the bottom filled in with stone, old boots and shoes, and the earth removed should be mixed with manure and returned, and the plants or roots should be set out eighteen inches or two feet apart, and be planted twelve inches deep. Others say that six to fifteen inches apart, and four to twelve inches deep, is preferable. With such badly-balanced opinions among so many theorists, no definite mode of cultivation could be arrived at. Some ten years since, I made an entirely new garden where I now live, and always having enjoyed the luxury of asparagus without depending on the market for my supply, I determined to make a bed to suit my own views of the nature of the plant. My soil is a sandy loam. I prepared my ground with a large quantity of well-rotted manure, and divided my ground into beds five feet wide and twenty feet long. The ground was then dug up one spit deep the length of a long spade blade. Believing that asparagus required the warmth of the sun, air, and surface moisture, and having no fear that the roots would run down beyond my control, I had my bed trenched (or marked out) four inches deep and twelve inches apart. The roots were two years old, and were taken from a garden adjoining my own. They were placed in the trenches twelve inches apart, as soon as dug from the ground where they grew. Each branch of the roots was spread out horizontally, and they were all covered four inches deep. The asparagus grew apparently as well as though the roots had never been removed.

SALT FOR ASPARAGUS.—The next year I cut from the bed in sufficient quantity for my own table. Every season, when the weeds commenced growing, I sowed broadcast one half bushel of salt, and the same quantity twice afterward, as the weeds began to recover. I always have asparagus before any appears in the market-gardens in the neighborhood, and cut it every day from the time I commence until the season ends. The productiveness of my bed has increased every year and all gardeners and others who have seen it pronounce it the most prolific bed they have ever seen. The average growth of the stalks, at the time of the seeding, is five to seven feet in height. I never cut my asparagus until it has grown at least four to six inches above the ground, and we never cut it over one inch below the surface. Some writers advise cutting two to six inches below the ground. But at that depth the bottom of the stems is always tough. Prof. Mapes once stated that there were twenty-eight species of asparagus. Some writers have attempted to classify the different qualities. With my experience in raising and largely consuming the article, I think that I could quite as easily distinguish between the taste of a white hen's egg and that of a black one, as I could tell the difference in the quality or taste of the purple or blue-headed asparagus from that of any other color or species of the plant.

PLANTS.—No plant will pay the market gardener so much money for the labor as the asparagus. But remember, always grow your own roots from seed; trust not the seed-shops for roots. If once you have got a good healthy plantation, the bed will not run out for a hundred years, provided it is always kept free from weeds, and manured well I manure mine four inches deep each year. From my bed, eighteen by thirty-six feet, I take at least fifty dollars worth yearly. To those who wish to grow their own plants, it is simply necessary to sow the asparagus in drills like onions; cultivate well the first summer; if they do well, they will be large enough in the fall to set out then, or during the next spring; in two years from that time they are of sufficient strength to stand cutting.

Asparagus comes only from one common centre and hence it is not advisable to purchase old plants Many do this, thinking they can get a product so much quicker, they are mistaken, young plants are invariably, the best. Neither must the roots be planted too deep. If the roots are near the surface of the soil, the stems will start much earlier then if put a foot below, as is usually practised.

THE ASPARAGUS BEETLE.—This Asparagus beetle has become a formidable enemy to asparagus culture on Long Island, and it appears to be slowly spreading inland. It is now ten years since it made its appearance in this country, having been brought from Europe, where it has been known for a long time.

Mr. A. S. Fuller states: "when living in Brooklyn, a few years since, my asparagus beds were attacked by this beetle, and I tried salt, lime, ashes, and various other things, with scarcely any success. There is, however, one pretty effectual remedy, and that is, allow your hens and chickens to run in the asparagus beds as soon as the beetle appears. Birds will also assist in their destruction, if permitted to do so unmolested. In the fall the asparagus tops should be cut down and burned on the bed, and a little straw or other combustable material added, as many insects or their larva will be destroyed in this way.

THE PROFITS OF CULTIVATION.—Inquiries have been made of commission-merchants and market gardeners as to the money value of asparagus per acre, and their opinion is unanimous in the statement, that if rightly managed, an asparagus bed of several acres will pay a larger profit per acre than the same space devoted to any of our smaller fruits. Figures from $400 to $700 per acre have been named. When we consider how easily the crop is marketed, requiring no expensive berry baskets or crates, or the trouble of renewing the vines every three or four years, or the possibilities of loss in times of picking, because of rain etc, and that, once well established, it will last a life time, it should receive more attention. It certainly requires very rich land to grow large asparagus; but the yeald is very great, very steady; and italways commands a good price in market.

CARE OF FARM IMPLEMENTS.

Carelessness and slovenly habits are not wholly confined to any particular locality, and hence we; are not surprised to find that even among our enterprising western farmers, some indication of a want of care and economy occasionally occurring. The "Prairie Farmer" gives a statement of a correspondent, in which he says that during "a short day's ride" from home, he had the curiosity to count the instances where farm implements were left exposed to the weather, with the following result.

Twenty-six wagons, nine buggies, two gigs, thirty four sleds and three cutters, were seen standing near houses, barns or sheds, fully exposed; four plows were standing in the furrows, and twenty-threethe up road-side, turned up or laid flat; thirteen double-shovel plows, two of which lay upon an old sled, four hung upon fences, and the rest where last used; nineteen reapers were standing out, tilted up and lying in all positions. Six were under shade trees and straw sheds, and three in fields where last used. Seven mowers were backed up into the corner of fences or tilted around the hay stack with rails piled on them to keep the cattle off. Eight horse-rakes were piled upon hog-pens or broken-down wagons; six seeders sharing the fate of other things. After the owners of these implements have paid all their taxes, they may buy a new suit, as they evidently have more money than they know what to do with, judging from the freedom with which they throw it away —

[The above we clip from the "*Country Gentleman*," and we ask our readers if they do not sometimes see similar scenes in the rural districts of California, *perhaps*? it is because *our* Farmers have so much to do!—ED. F.]

RAISING CALVES.

At a late meeting of the Franklin, Mass. Farmers' Club, the President, Phineas Stedman, Esq. after advising farmers and dairy-men to raise their own calves, gave the following as his method:

The calves may be most economically fed by taking them from the cow during the first week. Having learned to drink new milk readily, skimmed milk, warmed to the temperature of new milk may be substituted gradually until, at three weeks old the new milk may be withheld entirely. Oil meal, and wheat bran should now be given, commencing with a table spoonful once a day. This should be scalded and allowed to stand a short time to swell. After a few days, the provender may be given at each meal, and the quantity increased at discretion. It is of the utmost importance that calves, and indeed all young stock be kept in a thrifty, growing condition. It is much easier and cheaper to keep a young animal growing, than to bring it again into a flourishing condition after it has, by want of care or proper food been allowed to stop growing. I prefer to rear calves which are dropped in autumn or early winter. At this season they are likely to receive better care, are better prepared to bear the cold of the succeeding winter, and until they arrive at maturity, hold an advance of several months, in age and size, over those which are dropped the following spring, while always classed of the same age. —*N. E. Farmer.*

THE MISSISSIPPI valley contains 768,000,000 acres of the finest land in the world, or space for one hundred and fifty States of the size of Massachusetts—Yet old Massachusetts with her small territory, can buy out all the Mississipi valley, with the wealth made from her well improved means.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

Miscellaneous.

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IMPROVED

POTATO PLANTER

This is, undoubtedly, one of the most valuable machines adapted to Agricultural purposes introduced.

It Saves the Labor of Men in Planting Ten

Makes its own furrow, cuts the potato in slices as the farmer may prefer; drops them with the most perfect regularity, and covers them and does all this as fast as a horse can walk over ground that can be plowed

No intelligent farmer can fail to see the advantage with which one man can, with the aid of this machine plant six acres of potatos in a day, is of great value; because the days in which PLANTING can properly be done are very few, while he has a great deal of time and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from other machines. It affords its aid "in the right time," and gives leisure to its owner to attend to his other spring work, which would otherwise be overwork him or be left undone.

The undersigned have the sale of this Great Labor Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for the improvement, and a good Mechanic can make a fortune.

Particulars and Catalogues can be had at

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MADE IN HOME INSTITUTIONS PROMOTES the general prosperity of the State. It is to the interest of all who reside on this coast, in effect on their lives, to give the preference to

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JNO. CROCKETT, Secretary.

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Which Company, offers to residents of the Pacific greater advantages than are offered by any other Company. Read the Prospectus of this Company supplying elsewhere Copies can be obtained at the Company, No. 13 MERCHANTS EXCHANGE.

W. R. WHEATON,
General Agent.

Valuable Patent FOR SALE

We invite the attention of energetic Men to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for capital can be made from.

WARREN & CO.

EARLY COODRICH POTATO

Important to Market Gardeners and Agricultural Public.

The Undersigned, having grown and tested the above Potato for two seasons, have no hesitation in pronouncing it far superior to any other potato on the coast, for an early Potato, and now offer it for sale. It is very early (from three to four weeks earlier than any other) good size, white skin, smooth eyes, white flesh, superior table quality, and very productive.

L. F. or F. SANDERSON, San Jose.

Agents in San Francisco—GRIFFITH & SILVESTER, 225 Washington street, one door below Front. SILVESTER, No. 317 Washington street.

BOUND VOLUMES FOR SALE

☞ Volumes of the "California Farmer"

The last EIGHT YEARS, uniformly bound, at Farmer Office at $8 per Volume.

These Eight Volumes contain more useful information the practical workings of Agriculture as adapted to nia Culture than any Book or Books Extant. It comprise hundreds of Experiments, Letters and Essays Culture of Cotton, Rice, Coffee and Tobacco; Grapes errics, and all other Fruits, with the Culture of r Beans, Flax, Hemp, &c. and the Whole of L. Prevost on Silk Culture, from early beginning This set of Volumes would be a Library of valuable to the Cultivator of the Soil sent to Farmer Office will be promptly

Horticulture.

PRUNE CURRANTS—BLACKBERRIES, &C.

Currants, Blackberries, Raspberries, Gooseberries, and all small fruits need as much care and good attention in proportion to their size, as *large trees.*

One great reasons why this kind of fruit runs out and becomes worthless and barren, arises entirely from *neglect*, because they are *small fruits* or *small bushes*, they are supposed to grow without care or attention. This is a fatal error—*nothing worth planting is not worthy of constant care.*

Currant bushes should be carefully cultivated and closely *pruned*. All old diseased and decayed wood should be cut away, and new wood shortened back. This class of fruit should not be allowed to grow in *bushes*, but grown up in *tree form*, with clean stems and branching *one or two* feet from the ground. All buds should be rubbed off below the branches, and all *suckers* cut out around the roots.

Currants are among the *first class fruits*, and grown with care can be made productive and the fruit greatly improved, by judicious pruning.

For pruning Blackberries, Rasberries, &c. see Editorial page.

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Redivivia, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Lum*" or "Ptleemasd-ilse-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this rootcan be found and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of this Journal.

A CHEERFUL FACE.

Carry the radiance of your soul in your face. Let the world have the benefit of it. Let your cheerfulnes be felt for good wherever you are, and let your smiles be scattered like sunbeams, 'on the just as well as the unjust.' Such a disposition will yield you a rich reward, for its happy effects will come home to you, and brighten your moments of thought.

Cheerfulness makes the mind clear, gives tone to thought, adds grace and beauty to the countenance. Joubert says: 'When you give, give with joy and smiling.'

Smiles are little things, cheap articles, to be fraught with so many blessings both to the giver and the receiver—pleasant little ripples to watch as we stand on the shore of every-day life. They are our higher, better nature's responses to the emotions of the soul.

Let the children have the benfit of them; these little ones who need the sunshine of the heart to educate them, and would find a level for their buoyant natures in the cheerful, loving faces of those who lead them.

Let them not be kept from the middle-aged, who need the encouragement they bring.

Give your smiles also to the AGED. They come to them like the quiet rain of summer, making fresh and verdant the long, weary path of life. They look for them, from you who are rejoicing in the fulness of life.

'Be gentle and indulgent to all. Love the true, the beautiful, the just, the holy.'

WEBSTER'S FAITH.—Daniel Webster was a firm believer in Divine revelation, and a close student of its sacred pages. On one occasion, a small company of select friends spent an evening at his house. Tea over, the Bible, and the relative beauties of its several parts, became the topic of conversation. When the turn came to Webster, he said: "The masterpiece of the New Testament, of course, is the Sermon on the Mount. That has has no rival—no equal. As to the Old Testament writings, my favorite book is that of Habakuk, and favorite verses, chapter iii, 17, 18: "Although the fig tree shall not blossom, neither shall fruit be in the vines; the labor of the olive shall fail, and the fields shall yield no meat; the flock shall be cut off from the fold, and there shall be no herds in the stalls; yet will I rejoice in the Lord. I will joy in the God of my salvation." This, continued Webster, I regard as one of the sublimest passages of inspired literature, and often have I wondered that some artist, equal to the task, has not selected the prophet and his scene of desolation as the subject of a painting."

Home can never be transferred, never repeated in the experience of an individual. The place consecrated by parental love, by the innocence and sports of childhood, is the only home of the human heart.

What you dislike in another, take care to correct

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. 429 *Jackson Street.*

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & Co. T. H. MORROW.

A. L. CHAMBERLIN.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of WILSON, MORROW & CHAMBERLIN, will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer* Office.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Miscellaneous.

Grapes, Raspberries, Strawberries, Blackberries, etc.

LEARN HOW TO RAISE

GRAPE VINES.

Learn How Grapes are Grown

IN THE EASTERN STATES.

LEARN HOW TO GROW

Small Fruits:

Raspberries,
Blackberries,
Strawberries,
Currants,
Gooseberries, etc.

Many *New Varieties* have, within a few years been brought out, which far surpasses the old varieties; such, among Raspberries, are the

Clark, which we place at the head of the list of tried varieties;

Davison's Thornless Black Cap, an entirely thornless black Raspberry, of very distinct habits of growth. Excellent fruit;

Prosser, a competitor for the position the Clark has taken. Stands dry Summers well;

Philadelphia, most productive

Doolittle Black Cap, extensively planted for field cultivation;

Cattawissa, good flavor, red; bears two crops annually. Have seen it with ripe berries and blossoms at the time of our first snows, about November 20.

AND MANY OTHER VARIETIES.

Among *Strawberries*, the *New Varieties* are

Charles Downing,
Dr. Nicaise,
Nicanor,
Durand, etc.

All these varieties are described in the New Edition of our

"Manual of Grape and Small Fruit Culture."

The neat little Pamphlet, containing full instruction how cultivate all these different varieties of Small Fruits It contains full descriptions of the New Blackberries,

WILSON'S EARLY and KITTATINNY,

together with a new White or Cream-colored variety, which will be brought out this fall. Also,

HOW TO GROW BLACKBERRY PLANTS.

Last Fall we disposed of over 250,000 Blackberry Root Cuttings. We have heard of but few instances where they did not grow. We sent thousands of them to customers, by mail, as an experiment, to prove they could be sent safely as as California. We sent a package to Colonel Warren of the "California Farmer."

Our Pamphlet, containing Price List of our stock of Plants and Cuttings, can be obtained by calling at the office of the California Farmer, or by addressing Col. Warren, Editor California Farmer, San Francisco, Cal.

We have 50 acres devoted to the culture of Small Fruits not all cultivated yet; 20 acres in Strawberries; 14 acres in Raspberries; 7 acres in Blackberries; 2 acres in Grapes.

WARREN & CO., *California Farmer Office*, are appointed Special Agents for our Nursery Stock, where orders can be left to secure them to customers this season. Orders should be sent at once.

J. H. FOSTER,

39-7 Kirkwood P. O., Camden County, New Jersey

The Cheapest and Best

Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following serits of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle. 2 vo's, containing Torches, Waltzes Polkas, Schottisches' Rodowas, Quadrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Pianist's Album.** 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc's.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers,
277 Washington St., Boston.
C. H. DITSON & Co., 711 Broadway, New York.
31-1

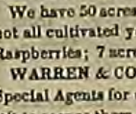
Preserve Your Sight!

BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No. 205 Montgomery street, San Francisco.



RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

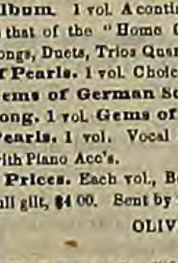
GOLD MEDAL AWARDED BY State Agricultural Society, 1867, TO THE

Natoma Vineyard.

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-9

G. GROEZINGER,



DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very similar and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicates, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the ollowing Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,

30 8 Mt Hope Nurseri Rochester, N. Y

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at . . . 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
OR WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....FEBRUARY, 11 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER Office are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mail, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING.

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for one insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞To those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so.

Send for Sample Papers and get up a club. Address
PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"*FARMER OFFICE.*"

Those which are advertised by these Art Publishers, can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
Farmer Office.

Country Homes Wanted

There is wanted at this time, several **Homes in the Country**, in good and pleasant localions, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will them if they communicate with this office immediately

None but good bona fide sellers need app as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Preserve Your Sight!

BRAZILIAN PEBBLES.
SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No 205 Montgomery street, San Francisco.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office or addressing EDITOR FARMER.

SATISFACTORY.

From the scores of letters we are receiving daily, we gather the most satisfactory evidence of the rapidly increasing prosperity of our State, in all the various branhces of industrious enterprises.

We receive many letters full of enthusiasm which warms up the very heart's blood, and drowns the shadows of murmuring, which sometimes reaches us from the political discussions, all of which tends so much to disturb the PROSPERITY which would otherwise rest upon this State like the Golden rays of the Morning sun.

We have a letter before us from one of our early Pioneers, who, as a cultivator has made the very wilderness "blossom with the Rose," for he has converted a once desert waste, into an earthly Paradise, and being deeply interested in all that relates to the best and truest interest of our State, and himself actively engaged and laboring to advance all these interests, in a *Private Letter*, upon various subjects, writes thus to us.

"It is most pleasing to contemplate the long and expanding vistas of Prosperity, ready and opening to all industrious and good people of our State.

The BREAD, the WINE, the GLOSSY SILK, have their future secured—*now* is the time to reach out a helping hand to another Great Industry,—SUGAR MAKING. Our natural advantages for this are superior to all other countries. The Beets can be sown with the advent of the rainy season and improve in quality until the advent of another; The manufacturers can begin in the month, of June, at this time the operation of *drying* can begin and continue without fear of damage from rain for at least four months; the Beet can be thus sliced up in the field where they grow, spread on the ground, thus avoiding the great outlay for sheds, scaffolds &c. and reducing the cost of transportation 75 per cent, this reduced cost, admits of their being transported from places at a distance from the factory

It requires but a *careful* and *cautious* start in the enterprise, under an *experienced head*, and soon we will be EXPORTERS OF SUGAR.

B. D. WILSON & CO'S NEW WINE HOUSE.

The well known and popular Wine House of Messrs. B. D. Wilson & Co. recently located on Jackson St., have the present week, removed their establishment, to the large and very spacious building on the corner of Broadway and Battery streets.

This building is admirably appropriate for the extensive busines this house is now doing.

This warehouse is one of the most substantial and best built warehouses in our city—it is 135 feet deep by 75 feet wide, and two stories, with high studded walls. The cellars extend under the sidewalks on each street, giving them wine cellars 145 feet deep, and 92 feet wide, high, broad, deep, and well ventilated and truly the very best in our city. The capacity of this cellar, is over 500,000 gallons.

Messr B. D. Wilson & Co. will manufacture Brandy largely this coming season—they estimate about 30,000 gallons, and their aim will be, as it always has been, to make the *very purest and best*.

The Wine department will be largely increased as from their *new* young vineyards of 75,000 vines, just coming into bearing,—their first crop, they will make about 20,000 gallons of choice wines, and from their old vineyards, they will have large products and are determined to turn out, as good wines as can be produced.

We rejoice to note the success which attends *California* enterprises—all that tends to build up our State, and no one who watches the growing importance of the *Wine* interest, but what must admit its great importance.

VIGILANTE! VIGILANTE!

'Eternal Vigilance, is the price of Liberty!' to those who look over our daily Journals and read the fearful accounts of Robberies and Murders committed in our midst almost daily, and those who read of the Assaults, the Garrotings, the work of the Incendiary, and the terific loss of property, arising from the dangers to which our city is now daily exposed; we may well remember the word VIGILANTE! for it signifies what is now needed to remove from our midst the robbers, murderers and assassins, that are gathering in upon us by the score.

It needs not the word of a prophet, to tell to what all this lawlessness is fast tending.—There is a point when once reached, *action* must be had to stay the tide of Ruin, Desolation, and Death!

It is now, we beleive, an admitted fact, that Life and Property are almost at the mercy of scores of highwaymen and escaped convicts from other places, who now infest our City, and our Police are not able to cope with them.

The present condition of our Police and general authorities, who seem to be fighting for the Spoils and Emoluments of office, are quite similarto the early days of San Francisco, and unless these fearful evils which now prevail so very alarmingly, shall be stayed, it needs no Prophets ken to see that the "Tocsin" of alarm will be sounded again, and the word 'Vigilante," will pass along our streets, quickly followed by that quiet tread of *thousands* who will rally to the "Defence of their Rights!"

THE STEAM PLOW AT OROVILLE.

[We give place to the following Note just received, hoping it may induce others to attend the trial of this New and Important Implement of the Farmers. We shall be there if possible.ED. F.]

OROVILLE Feb'y 16th 1869.

TO THE EDITOR OF THE CALIFORNIA FARMER.

DEAR SIR.—The Public Trial of our Steam Plow will take place on Wednesday Feb 24th 1869. This plow turns, and pulverizes the soil in a thorough manner. We tried it privately after these soaking rains, and it did splendid work. Farmers and Landholders are specially invited. And I hereby extend a cordial invitation to you to be present.

YOURS RESPECTFULLY, O. LOCHES.

MOUNT VERNON.

WASHINGTON'S BIRTH DAY.

The First Great Day to which our people should ever look with Reverence and Affection is the *Fourth of July*. A day that must be kept in perpetual remembrance, by every Patriot and Christian in our land. Next to this day, comes the "Birth Day of the *Father of his Country*" and this day also, should be sacredly observed too, for to *George Washington*, more than any other, cause or source of Success and Salvation of our "*Country's Liberty*," owes it's present glory, *Save always* that great power above us whose ever watchful providence ever guards us, and to which *Washington*. always looked to and relied upon, in the Great hour of need.

Yes let the day be writ.—
Love shall remember it
While earth shall last.

The Poet "Mellen," very truly speaks the sentiments that should live in the hearts of all good men.

We copy part of one stanza, a little changed, from the Poem delivered at the Centennial Celebration of Washington's Birth Day in Boston, Mass. in 1832.

My Country! O my Country! never let it be
That they who gave us Freedom, and that One
Who bore it's banner, foremost of the free,
The tried, but Heaven-encompassed
WASHINGTON," shall be forgot.

And Heaven grant we may never see the day in this land of Freedom, when those who poured out their life-blood shall cease to remember *Washington*.

The Poet, Pierpont," speaks in his Poem on the same occasion, in 1832 also, and alludes to the time when the City of Boston was in the possession of the British, and WASHINGTON, who was then stationed at Dorchester Heights," from whence he decended with his Army and Triumphantly succeeded in compelling the British forces to evacuate Boston. The Poet thus speaks of the Leader of our Armies.

"There, like an angel form
Sent down to still a storm,
Stood WASHINGTON!
Clouds broke and rolled away!
Foes fled in pale dismay:
Wreathed were his brows with bay
When war was done.
God of our Sires and Sons
Let other Washingtons
Our Country bless.
And, like the Brave and Wise
Of by-gone Centuries
Show that true greatness lies
In RIGHTEOUSNESS.

Amen! Amen! Say we, to these words and we trust that God will vouchsafe to THIS NATION now, as it shall come under the *Dominion' Power*, and *Rule* of one who like Washington, has led our Armies, that *Wisdom* to direct, that shall indeed lead to PEACE; aye Peace among our whole people. No President ever came into power since the time of Washington whose peculiar position as the Leader of our Armies, made his case so similar that of Washington, and it is indeed to be hoped that the reccollection of those days may inspire him who will so soon sit where Washington has sat, at the *Head of this Nation*, may influence and inspire him to deeds of greatness, that shall reflect Honor upon our Nation; and in so doing it will reflect Honor upon himself.

Monday next, is the BIRTH DAY OF WASHINGTON. The day we trust will be duly remembered by all; if not with pomp and outward display, at least with the grateful remembrance of Him who was "First in War, First in Peace, and First in the Hearts of his Countrymen."

We place at the head of this article the "Tomb of Washington" at "Mt. Vernon," the spot sacred to every pure and loving heart, and as this picture shall be seen, may all say.

—Though he sleeps,
He yet speaks to us
from his beautiful resting place on the Banks of the Potomac.—

CONTINUED RAINS.

The long continued Rains of the present Winter, has made quite a change in the plans of many of our Farmers; and many who in January had about concluded that their PLOWING SEASON was over, have plowed *hundreds of acres* since and we can safely say, *that many Thousands of acres Extra to Grain*, have been planted by reason of these favorable rains. We think we can also safely say, that *more rain* is near at hand and that the *warm days* and *chilly nights*, clearly indicate that we shall *have more Rain within One Week*.

It is to be hoped also that our Farmers will improve the present opportunity to put all the land possible under the plow, in order that there may be the largest possible number of acres of *Summer Fallow* for another year, as this system has proved so profitable.

Hops are profitable only when there is a general failure. When there is a full crop they do not pay for cultivation.

EDITING A NEWSPAPER.

No person who has not tried the post of an editor could possibly conceive of the Trials, Vexations and Cares which surround and sometimes almost overwhelm an Editor who desires to fulfill his responsible position faithfully and conscientiously.

An Editor who claims to be an *individual of himself*, or who desires to lead and act out his *own individuality*, must expect *trials* and *vexations*, for he will, if he is of a *progressive mind*, run a tilt against opinions, fancies and feelings of many of his casual readers, and very often he will have more fault found with him and his writings, all he writes—all he says—all he does, by those who are *not his subscribers*, nor those who have ever given a dime to his Journal, than those who frankly and justly may criticise his Journal which they, as subscribers, claim as *their Journal*.

Rev. Henry Ward Beecher, of whom it may truthfully be said, there lives not in these United States a more fearless writer, in speaking upon this subject, calling it the "*Mysteries of Editing*" speaks thus:—

"The world at large does not understand the mysteries of a newspaper, and, as in a watch, the hands that are seen are not the passive instrumen of the spring, which is never seen; so, in a newspaper, the most worthy causes of its prosperity are often least observed or known. Who suspects the benefit which the paper derives from the enterprise, the vigilence and the watchful fidelity of the publisher? Who pauses to think how much of the pleasure of reading is derived from the skill and care of the printer? We feel the blemishes of printing, if they exist, but seldom observe the excellencies.

We eat a hearty dinner, but do not think of the farmer that raised the materials thereof, or the cook that prepared them with infinite pains and skill. But a cook of vegetables, meat, pastries, and infinite bonbons has a paradisal office compared with an editor. Before him pass in review all the exchange newspapers. He has to know all their contents, to mark for other eyes the matter that requires attention. His scissors are to be alert, and must clip with incessant industry all the little items that together form so large an interest in the news department.

He passes in review each week every State in the Union, through the newspaper lens. He looks across the ocean and sees strange lands, and following the sun' he searches all around the world for material. It will require but one second's time for the reader to take in what two hours search produced. By him are read the manuscripts that swarm the office like flies in July. is his frown that dooms them; it is his hand that condenses a whole page into a line; it is his sternness that restricts sentimental obituaries, that gives young poets a' twig on which to sit and sing their first lays.

And the power behind the throne, in newspapers, as in higher places, is sometimes as important as the throne itself. Correspondents occasionally are regular, stand in awe of that silent power which has the last chance at an article, and humility. And in short, as the body depends on a good digestion, so the health of a paper depends upon that vigorous digestion which goes by means of an editor,

Ought they not to be honored? And since little fame attends them, they should at least have their creature comforts multiplied. From that dark and dismal den in which they have so long had purgatorial residence, they are at length translated.

HAVE WE THE INQUISITION?

The excitement which has recently been made in the case of the Rev. Mr. Hamilton, would lead one to suppose, that we here in this "Land of Liberty," were yet subject to Inquisitorial Power.

It may be that the *Church*, may have some *Legal Rights* or Power not yet fully understood, but in the recent case at Oakland it certainly appears very strange that a Church cannot elect a Pastor and retain him when clear proof is given as in the ase of the Rev. Mr Hamilton, that he has been highly successful in doing good and building up a Church and Congregation and in greatly advancing the cause of Religion and Morality, and in uniting to himself in the highest degree the love and affection of his whole people.

We feel sure the present effort to apply *Inquisitorial Power* will fail, and greater religious freedom will be the result.

PHOTOSCOPIC VIEWS

Those who are fond of beautiful pictures should by all means go to the Rooms of the PHOTOSCOPIC TABLE COMPANY, and see what Genius and Art can accomplish. These *Photoscopic Views* were on Exibition at the "Mechanics Fair, and there created quite a sensation, for being an entirely *new thing*, and *very beautiful*, they must please all Who have a "Love of the Beautiful' n them. This company deserve much credit for their perseverance in carrying forward this *New Design* to it's completion; and the Artist, Mr Mill, should receive from the Public, a liberal reward for his very wonderful success in advancing art. The Rooms are open Day and Evening for the public. —"See Advertisement."—

More Oranges.—G. N. Sweezy, Esq; has an Orange tree growing at his residence which bore a crop of one hundred oranges this year. He has also one hundred trees growing on his ranch.

Marysville Appeal

PERSONAL.—L. Prevost, Esq, the pioneer silk raiser on the Pacific Coast who has done more than any other man to introduce and foster the cultivation of silk in this country, arrived in this city by the overland stage, on Tuesdry last. It is the intention of Mr. Prevost, we are pleased to learn, to settle in this county, and engage in the raising of silk on an extensive scale.

—*Los Angeles News.*

—The bread of idleness—loaf-ing.

Editor's Chair,

We crave indulgence for several articles over this week, the *Wheat* question required and our Rambles in Santa Clara and San must keep one week more.

The people of San Jose are talking about per Mill, and a Woolen Mill.

NEW WOOLEN FACTORY.—The Citizens of Rosa are taking steps to establish a Woolen this is right—fine sheep, and fine wool, such as can gather in that section, should be made Home and the "Santa Rosaans," can do this as as any body else, and make it profitable too.

BEET ROOT SUGAR.—Our neighbors at are talking about erecting a factory to make Root Sugar. We suggest to them to see they *begin right*. Fifteen hundred acres Beet should be planted to supply the Factory planted in Febuary in good soil as advised Farmer last week.

Acknowledgements.

Books Received —We have just received Steamer, a *Valuable Souvenir of Important Tr*

We acknowledge reception of a copy James C. Jackson's Book. "How to treat the without medicine." Dr. Jackson, it is well is the principal of "Our Home on the Hill the Celebrated Water Cure at Dansville, Li ton county, N. Y. Dr. Jackson's Essays with those of his accomplished Daughter Harriet N. Austin, upon Physiology, Health mans interest &c. we have often given in ums. It will also be remembered that Dr. son and Daughter, send forth the "Laws of one of the best publications in the United and doing a world of good.

"How to treat the sick without medicine," W teem one of the best "Family Books" issued the press. It is full of Essays upon the day practical duties of preserving the "Hea for without Health, life is but little worth. subjects treated upon in this valuable are, Air, Food, Water, Bathing, Sun-light, Exercise, &c. &c.

This Volume contains 538 pages, neatly b and contains a greater amount of pra truths, all tending to the preservation of or it's restoration, than can be found in ordinary medical books such as cumber many braries, or kill more than they cure.

We cannot close this notice without refer a very beautiful part of this Book which we on the Dedicatory page, which reads thus

Miss Harriet N. Austin, M, D.
My beloved Daughter, and
To You I Dedicate this Book.

Because to you more than any other perso I indebted for the Health and Strength wh I have been able to write it.

And also for the Sympathy
Which under my professional labors was cessary, to make the task of writing it a labor love.

Such sentiments bespeaks the value of book, which we trust will find a large the Pacific Coast.

This book can be had at $3,25 by addres Austin, Jackson & Co. Danville, Livingston N. Y. and the book will come by Mail.

We acknowledge the New Volume of Agri tural Reports from Hon. Horace Capron Com sioner of the Agricultural Department at W ington.

This volume is surely and certainly an impr ment upon all former Reports of this Depart and reflects great credit upon all who have interest in the success of that department.

PLANT SMALL FRUITS.

We would urge greater attention at the p time to the planting of small fruits, such as *berries*, *Raspberries*, and *Blackberries*, with *berries*, and *Currrants*.

Never have we had so good a season to mence the cultivation of such fruit as the ent. Last year the demand for them was and they sold readily, and at good prices, and yond all question the demand will be increased this year.

When the Railroad shall carry off all our *fruit*, pears, apples, and grapes, to New Boston, and Philadelphia, *small fruits* will a big price in our markets' and they will pay so plant, and plant largely.

WEATHER AND FARMING IN SAN JOAQUIN CO.

MOORE LANDING Feb'y 10th

COL. WARREN.

DEAR SIR.—Since writing my we have had some very heavy frosts, which leveled my first planting of Goodrich pota they are up now again about two or three high and look as well as if nothing had hap them, except they are not so tall as before. amined two of the hills after they were down; I found that they had dozens of small tatoes from the size of a pin headt o a pea is hill which tells well for an early crop of th

We are now in our second days continuous with no prospect of a stop for some time is the largest fall of rain this season here think that our farmers will put in grain yet o new sod until the 1st of March next. I put in yet thirty more acres of barley as an ment, after which, I will summer fallow hundred acres, Crops are splendid; far ahead this time last year. Having nothing more mentioning, and shall conclude. Hoping to bar from you. I remain Yours &c.
D.

A Small Farm.—T'is said a Farmer in A wants to sell farm of *fifteen hundred thousand* if the printer had left out the *hundred* he probaly hit upon the *right size* of the farm.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes, when the article they have to sell, is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

UNFAIR PREACHING.—A correspondent of a contemporary, protesting against the preaching of long sermons, dwells with a particular sense of injury upon the tactics employed last Sunday by his own clergyman. "I appeal," he says, "to you and to the public whether this was fair, viz: to say "Lastly;" then after a long interval, "Finally;" then "Time permits me to say no more than these last words" then, "conclude;" then "Just once more," and yet go on and on as if the sermon had only just commenced? Further was it fair, after coming to the end of a pathetic description, which I ventured to say nine-tenths of the congregation took to be the end of the sermon, to use the words "And now," in the accustomed tone, which caused me and some others to rise with commendable alacrity, and yet to follow them up, not with the well-known formula, but with "Once more again?"

The richest thing we have heard of yet, is Morton's proposition to pension Mrs. Lincoln, on the ground that her husband was killed in the service of the country in the war of the Rebellion. Sound logic that.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

Choice Grape Vines and Cuttings,

Those who desire to secure the very choicest varieties of Grapes, either in

STRONG ROOTED VINES OR Good Healthy Cuttings,

Can secure the very choicest. Many varieties from rooted vines, that will show fruit the present year.

THE RAISIN GRAPE.

Strong jointed vines of this very desirable grape, can be had with all others at

FARMER OFFICE.

Waltham Watches

The "P. S. Bartlet" movement, with extra jewels, Chronometer balance, Patent Dust Cap, Patent Safety Pinion, and all other late improvements, in a solid 3 oz. Coin Silver Hunting case, with Gold Joints, $27 coin.

The same in 4 oz. case, $30. In 5 oz. case, $33 coin.

The "Waltham Watch Co." movement with extra Jewels, Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, &c., in 3 oz. case, with Gold Joints, $30 coin.

The same in 4 oz. case, $33. In 5 oz. $36 coin.

The "Appleton, Tracy, & Co," movement, with extra Jewels Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, in 3 oz case, Gold Joints, $34 coin.

The same in 4 oz case, $37. In 5 oz $40.

"P. S. Bartlet, Watch in two and a half ounce. 18 karat Gold Hunting Case, $80 coin.

"Waltham Watch Co" Watch, in two and a half ounce, 18 karat Gold Hunting case, $84 coin.

"Appleton Tracy & Co," Watch, in two and a half oz. 18 karat Gold Hunting Case, $87 coin.

Any additional weight at $1 per pwt., or $20 per ounce extra.

We will send any of the above by Wells, Fargo & Co's with bill to collect on delivery, and give the purchaser the privilege to examine the watch before paying. All Express charges, however, to be paid by the purchaser But if the amount of the price of the Watch is remitted to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money, drafts on Wells Fargo & Co, are preferred.

We wish it distinctly understood that these watches are the very best, and with all the latest improvements and that they are in perfect running order, (a guarantee from the manufacturer accompanies each watch) and if any one does not perform well, we will exchange it, or refund the money.

Please state that you saw this in the California Farmer.

HOWARD & CO
Jewelers and Silversmiths,
619 Broadway, N. Y

In order that all may address us with confidence, we refer, by permission, to Messrs. WELLS, FARGO & Co, or to any of their agents on the Pacific Coast.

31–4

WALTHAM WATCHES.

The extensive use of these watches for the last fifteen years by Railway Conductors, Engineers, and Expressmen, the most exacting of watch wearers, has thoroughly demonstrated the

STRENGTH, STEADINESS, DURABILITY: AND ACCURACY

of the Waltham Watch. To satisfy this class in all these respects, is to decide the question as to the real value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a guarantee of their superiority over all others.

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works at Waltham enable them to produce watches at a price which renders competition futile, [those] who buy any other watch, merely pay from 25 to 50 per cent. more for their watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in greenbacks, than the gold prices before the war. There is no other manufacture of any kind in the United States of which this can be said.

THESE TIME PIECES

combine every improvement that a long experience has proved of real practical use. Having had the refusal of nearly every invention in watchmaking originating in this country, or in Europe, only those were finally adopted with severe testing by the most skillful artisans in our works, and long use on the part of the public, demonstrated to be essential to correct and enduring timekeeping.

Among the many improvements we would particularize:

The invention and use of a

CENTRE PINION,

of peculiar construction, to prevent damage to the train by the breakage of main springs, is original with the American Watch Company, who having had the refusal of all other contrivances, adopted Fogg's Patent Pinion as being the best and faultless.

Hardened and Tempered Hair-Springs,

now universally admitted by Watchmakers to be the best, are [all grades of Waltham watches.

ALL WALTHAM WATCHES

have dust proof caps protecting the movement from dust and lessening the necessity of frequent cleaning, necessary in other watches.

OUR NEW PATENT STEM WINDER

or keyless watch, is already a decided success, and a great improvement on any stem-winding watch in the American Market, and by far the cheapest watch of its quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the United States where watchmakers do not abound, watches with the above mentioned improvements which tend to insure accuracy cleanliness, durability and convenience, must prove invaluable.

Every watch bearing the trade-mark of Waltham is guaranteed to be a thoroughly reliable time-keeper,

To prevent imposition, buyers should invariably demand a certificate of genuineness.

The trade supplied by Messrs. R. B. Gray & Co., San Francisco, Cal., and generally for sale at retail by all respectable dealers.

For other facts and information, address

ROBBINS & APPLETON, Gen'l Agents.
31–4 128 Broadway, New York.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Orchards, would pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31–4 EDITOR FARMER.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity [illegible] of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of FARMER Office.

THE KIRBY LARGE MOWER.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

THIS MACHINE HAS NO EQUAL IN DIFFICULT CUTTING

It has an INDEPENDENT ACTION by Means of a Joint in the Frame, instead of the Moving Bar, so that the Knife is Kept in Line With the Gearing.

It is Easy Draft for Two Horses, and can Cut Heavier LODGED GRAIN without Clogging than any other Machine on the Pacific Coast,

This Machine is the same as the Combined in every particular, only the Reaping Attachment is left off, and parties buying it can afterwards buy the whole or any part of the Reaping Apparatus from the Common Reel to the Self-Rake.

This large KIRBY MOWER is the only mower that has an independent action, and can use a reel when mowing, especially in windy weather. It can be bought as a Mower, with or without a reel.

In soft, sandy, sediment land, the lifter-wheel, on account of the narrowness of its rim, will sink in quite deeply. In this case a WIDE BAND should be provided and slipped on it, which will prevent the difficulty. The wheel as it is, will run very well on hard ground. These bands with all the Extra parts, will be kept Constantly on Hand, to supply all the calls of purchasers.

As a machine for clipping mustard, or cutting back grain that grows too fast, the Kirby Mower possesses advantages over all other Mowers from the fact that IT CAN CUT AT ANY HEIGHT from the ground, and work equally well and free under all circumstances

When you order EXTRAS for this Machine, always state the NUMBER ON THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose).

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINT your guards LOW by means of the forward bolt in the pole where it bolts to the machine. IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL

Be sure to keep ALL THE NUTS TIGHT and the JOURNALS WELL OILED, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the JOINT TIGHT WHERE THE PITMAN CONNECTS WITH THE KNIFE, and then your machine will work well without trouble or expense.

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As the amount of these new and rare things is limited, early orders only will secure them. Address

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For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberry

For two new subscribers and $10 we will give two plants each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these new and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

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We have refrained hitherto, from saying much upon this subject, until we had the opportunity of claims of the patent. We have accordingly, put up a few eggs, to test the matter, and have them now, as put up months ago. We invite parties, to call and see these eggs, and examine for themselves. They possess the whiteness, clearness and fresh the newly laid egg, and they frost, as a new egg, which cannot be said of any preserved egg we know of.

The cheapness and the saving of time, over every other process, may be considered in its favor. The parties in New York, are making arrangements to secure the Patent in all Europe, and it runs yet, 10 years in the United States. Cost of putting up a barrel—less than 50 cents, and the time, does not exceed 10 minutes, Rights for sale by Warren & Co. Farmer Office, San Francisco.

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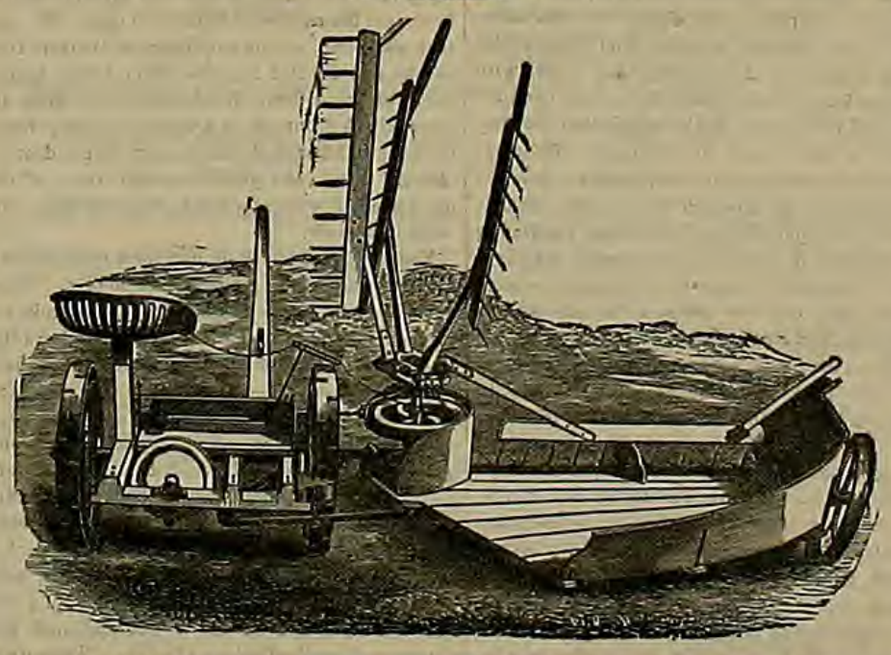

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Home Miscellany.

I AM HAPPY.

BY GERTIE JOHNSON.

I am happy! I confess it!
Though, perhaps, my muse should sing,
Of some sorrow that doth shadow,
All my soul with its dark wing,
But she'd rather sing of gladness,
Rather sing a cherry song,
So I grant her full permission,
As she bears my pen along.

Happy! happy! Hear the echoes
Giving back the words to me!
Every one is full of laughter,
As a child's heart, full of glee.
Happy! happy! Birds repeat it,
Zephyrs chant the glad refrain,
Flowers brightly smile to hear it,
Hill tops toss it back again,

Happy! happy! Brooklets murmur,
As they laughing dance along;
And the pebbles on the margin,
Sing again the merry song;
And the lillies in their splendor,
Resting on the glassy pool,
Dream about the merry music
In the shadows dark and cool.

And the sunbeams shine more brightly
Than they ever shone before;
How they seem to dance about me.
Falling through the open door;
How they dance upon the housetop,
Drip in showers from the eaves,
Kiss the waves beneath them gliding,
Flash like smiles across the leaves.

I am happy! 'tis no matter,
Does the sun shine—does it rain?
Listen! how the crystal rain-drops
Patter it upon the pane?
Happy in the rosy morning,
Happy in the hush of night;
All my songs are glad thanksgivings,
He will guide my feet aright.

From the darkest depths of sorrow
He has brought me to the light.
And I know that if I trust him,
He will guide my steps aright.
So I sing my song of gladness
In the sunshine, in the rain—
Earth and ocean, light and darkness,
Join me in the glad refrain!—

THE LAW OF TRUE MARRIAGE.

The Law of Marriage is thus illustrated and truthfully by Gail Hamilton.

Wherever man pays reverence to woman, and feels the influence of any woman as purifying, chastening, abasing, strengthening him against temptation, shielding him from evil, ministering to his self-respect, medicining his weariness, peopling his solitude, winning him from sordid prizes, enlivening his monotonous days with mirth, or fancy, or wit, flashing heaven upon his earth, and mellowing it all for spiritual fertility—there is the *element* of Marriage. Wherever woman pays reverence to man; wherever any woman rejoices in the strength of any man, feels it God's agent, upholding her weakness, confirming her purpose and crowning her power, wherever he reveals himself to her, just, benignant, unruffled, perhaps, but not overcome by the world's turbulence, and responding to all her gentleness; his feet on earth, his head among the stars, helping her to hold her soul steadfast in right, to stand firm against the encroachments of frivolity, vanity, impatience, fatigue, and discouragement; helping to preserve her good nature, to develope her energy, to consolidate her thoughts, to utilize her benevolence, to exalt and illumine her life—there is the *essence* of Marriage. Its Love is founded on self-respect at the very moment of merging self in another. Its love is mutual, equally giving and receiving at every instant of its action. There is neither dependence nor independence, but interdependence. Years cannot weaken its bonds, distance cannot sunder them. It is a love which vanquishes the grave, and transfigures death itself into life.—

Unselfish love.—Whenever unselfish love is the main spring of men's actions; whenever happiness is placed not on what we can gain for ourselves, but on what we can impart to others; whenever we place our satisfaction in gratifying our fathers and mothers, our brothers and sisters, our wives and children, our neighbors and friends,—we are sure to attain all the happiness which the world can bestow.

Perseverance.—If you wish to do good, do good; if you wish to assist people, assist people. The only way to learn to do a thing is to do it; and that implies, before you learn to do right you will do wrong, you will make blunders, you will have failures; but persevere, and in the end you will learn your lessons, and many other lessons by the way.

Cure for Small-pox and Scarlet Fever.—A recent number of the London *Scalpel* states that either small-pox or scarlet fever will absolutely disappear in 12 hours if the following remedy is used: Sulphate of zinc, one grain; foxglove (digitalis), one grain; sugar, half a teaspoonful; mix with two teaspoonfuls of water. Take a teaspoonful every hour; smaller doses for children, according to age.

LOVE'S RECOMPENSE.

It was then in that beautiful vale of Vire, some twenty years agone, that Francois Lorimer went out to take his first May walk with Mariette Duval, ere the relentless conscription called him from his happy home, his sweet valleys, and his early love. It was a sad walk, as may well be imagined; for though the morning was bright, and nature, to her shame be it spoken, had put on her gayest smile, as if to mock their sorrow; yet the sunshine of the scene could not find its way into their hearts—and all seemed darkened and clouded around them. They talked a great deal, and they talked a long time; but far be it from me to betray their private conversation. I would not for all the world—especially as I know not one word about it—except, indeed, that Francois Lorimer vowed that the image of Mariette should remain with him forever—should inspire him in the battle, and cheer him in the bivouac; and that Mariette protested that she would never marry any body except Francois Lorimer, even if rich old Monsieur Latoussefort, the great Foulan, were to lay himself and fortune at her feet; and, in short that when his seven long years were out, Francois would find her still a spinster, and very much at his service.

Mais si je perdrois une jambe? said Francois Lorimer. 'Qu'est ce que c'a fait?' replied Mariette. They parted—and first to follow the lady. Mariette wept a great deal, but soon after got calm again, went about her ordinary work, sang her song, danced at the village fete, talked with the talkers laughed with laughers, and won the hearts of all the youths in the place; by her unadorned and native grace. But still she did not forget Francois Lorimer; and when any one came to ask her in marriage, the good dame, her mother referred them directly to Mariette, who had always her answer ready, and with a kind word and gentle look sent them away refused, but not offended. At length good old Monsieur Latoussefort presented himself with all his money-bags declaring that his only wish was to enrich his gentle Mariette; but Mariette was steady, and so touchingly did she talk to him about poor Francois Lormier, that the old man went away with tears in his eyes. Six months afterward he died, when to the wonder of the whole place, he left his large fortune to Mariette Duval. In the meanwhile Francois joined the army, and from a light handsome conscript, he soon became a brave, steady soldier. Attached to the great Northern Army, he underwent all the hardships of the campaigns in Poland and Russia, but still he never lost his cheerfulness, for the thought of Mariette kept his heart warm, and even a Russian winter could not freeze him.

All through that miserable retreat, he made the best of everything. As long as he had a good tender piece of saddle he did not want a dinner; and when he met with a comfortable dead horse, to creep into, he found board and lodging combined. His courage and his powers of endurance called upon him from the first, the eyes of one whose best quality was the impartiality of his recompence. Francois was rewarded, as well as he could be rewarded; but at length in one of those unfortunate battles by which Napoleon strove in vain to retrieve his fortunes, the young soldier in the midst of his gallant daring, was desperately wounded in the arm. Pass we over the rest—mutilated, sick, weary, and ragged, Francois approached his native valley, and doubtful of his reception—for misery makes sad misanthropes—he sought the cottage of Madame Duval. The cottage was gone; and on enquiring for Madame Duval, he was directed to a fine farm house by the banks of the stream. He thought there must be some mistake, but yet he dragged his heavy limbs thither; and knocked timidly against the door.—'*Entrez*,' cried the good humored voice of the old dame. Francois entered, and unbidden tottered to a chair.

Madame Duval gazed on him for a moment, and then rushing to the stairs called loudly, 'Come down Mariette, come down, here is Francois returned!' Like lightning Mariette darted down the stairs, saw the soldiers old great coat, and flew towards it—stopped—gazed on his haggard face and empty sleeve; and gasping, fixed her eyes upon his countenance. 'Twas for a moment she gazed on him thus in silence, but there was no forgetfulness, nor coldness, nor pride about her heart—there was sorrow, and joy, and love, and memory in her glance.—'O Francois, Francois,' cried she, at length casting her arms around his neck, how thou hast suffered!" As she did so the old great coat fell back, and on his breast appeared the golden cross of the Legion of Honor. 'N'importe!' cried she, as she saw it. '*voila ta recompence!*'—He pressed her fondly to his bosom. 'My recompense is here' said he' 'my recompense is here.'

Antidote for all Poisons.—A plain farmer says: It is now over twenty years since I learned that sweet oil would cure the bite of a rattlesnake, not knowing it would cure other kinds of poison. Practice, observation, and experience have taught me that it will cure poison of any kind both on man and beast. I think no farmer should be without a bottle of it in the house. The patient must take a tablespoonful of it internally, and bathe the wound with it for a cure. To cure a horse in requires eight times as much as for a man. It is an antidote for arsenic and strychnine. It will cure the bloat in cattle by eating too freely of fresh clover; it will cure the stings of bees, spiders, and other insects, and will cure persons who have been poisoned by a low running vine growing on the meadows, called Ivy:

We would invite a trial of the same prepartion for our Poisonous Oak.—Ed. F.

Two rival belles met at a hop. "How well you look under candlelight!" exclaimed one, with a stress on the candles. "And how charming you are in the dark!" answered the other.

"No smoking" is inscribed upon a sign in one of the *churches* of Louisville.

—Handsome apples are sometimes sour.

SUNSHINE FOR THE CONSUMPTIVE.

By Dr. Henry I. Bowditch.

We have been told by mptivesthat one of the best prescriptions we have made has been their removal from a north room to the sunny south chamber. As we write, two cases come to mind, strikingly illustrative of the sun's benign influence. We had been attending, at an orphan asylum, a girl about twelve years old, who had been long ill of severe typhoid fever. She was wholly prostrated in mind and body, and emaciated to the last degree. It was plain that she was falling into that depressed condition of all the powers of life that so often precedes consumption. Day after day we visited her, but all recuperative power seemed lost. Half dead and alive, the little creature neither spoke nor moved, and ate only on compulsion. One day, on our way to visit her, we felt that elastic thrill which the warm rays of the sun impart in the early cool weather of spring. We involuntarily leaped a long, and were instantly struck with the fact that "virtue had gone out of us," when we left behind us the sunlight and warmth of the street and entered that northern chamber, the dormitory of the poor orphan. That inspiriting influence, the invalid had never experienced in the slightest degree during the whole of her sickness, as, owing to its peculiar situation, not a ray of direct sunlight had ever entered the chamber. We were shocked, and for the first time considered the depth of her loss, and our own remissness in regard to her. The air of the room had been pure, the ceilings of the infirmary were lofty, the attendants had been faithful and sagacious. Nothing seemed lacking, in fact, to restore health. Yet it did not come. On the contrary, there seemed a constant downward tendency. "A sunbath in the warm rays of this delicious spring day is what this girl needs," we instantly said to the sister superior. This lady gladly conseted to the change, and placed the little patient in another room having a southern aspect, and consequently filled with sunlight. The invalid immediately recognized the changed, and asked, in her weak way, to have the curtains raised, so as to let in the full blaze of the light. Soon she wanted to sit up, and directed that the easy chair, in which she was proped, should be so placed as to allow her whole body below her face to be exposed to direct rays of the sun. It was the natural tendency of disease, seeking for all life-renovating influences. And we have never met with so marked or so rapid improvement as immediately began in the body and mind of the girl. Appetite and strength increased daily, and with them burst forth again all the joyousness of the child,s heart.

Another analogous case, which, although we do not demonstrate by it the influence of the sun alone, we cannot forbear to name, because by such examples we impress perhaps on the minds of our readers the real principles underlying the whole question. A lady aged about thirty, resident in the northern part of New England, consulted us for undoubted tubercular disease of the lungs. Her house was well situated, and on the side towards the south was a small piazza resting, on stone steps, which was raised two or three feet above the ground. The winter was approaching and rules were to be given. Having full faith in these divine influences of pure air and sunlight we directed that she should sit out on this piazza every day during the winter, unless it were too stormy. It was so arranged as to shut out the cool air on three sides, and to admit the full blaze of sunlight in front. Here, according to our directions she used to sit, wrapped in furs, reading or writing for several hours each day during the following winter, and with most excellent results. She was directed frequently to make deep inspirations, in order to fill the lungs with pure air. She was never chilled, because the sun's rays and her warm clothing prevented it. She never "took cold" there. On the contrary, the balmy influences exerted upon her byher daily sun and air bath were so grateful; her breathing became so much easier after each of them, that, whenever a storm came, and prevented the resort to the piazza, the invalid suffered in consequence therof. Whether these remarks will prove to our readers that want of sunlight may be reckoned among the causes of consumption may well be doubted, but we trust that, at least, they will convince some skeptics that sunlight has a potent influence in raising the human body from various weaknesses that sometimes are the precursors of fatal phthisis. —Atlantic Monthly *for February.*

Valuable Recipes from Lady Contributors to the Massachusetts Ploughman.

Coffe Cake.—One cup of molasses, two cups of sugar, one cup of butter, one cup of hot coffee, one teaspoon of cloves, two teaspoons of cinnamon, one teaspoon of salt, one of soda, flour to make it the usual stiffness.

Tea Cake.— One large spoon of butter, one small cup of sugar, one teaspoon of soda, two teaspoons to cream of tartar, one cup of milk, two eggs, one pint of flour, nutmeg to taste.

A smart little fellow.—A youngster who was taken into a toy store the other day by his doting mamma, had a number of articles shown him by the attentive storekeeper, in the hope of making a sale—but without effect. At last, one of those *papier mache* representations of a mouse was produced, and after being wound up by a key, was set on the floor, where it ran about in a very mouse-like manner. The youngster's attention was enlisted at once; but the result was not as expected, for he shouted out, "O' mar, I don't want that; we've got lots of them at home, and don't have to wind 'em up, either."

—A medical student, says he has never been able to discover the bone of contention, and desires to know whether it is not situated very near the *jaw* bone.

—Would you be strong, conquer yourself.

Miscellaneous.

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And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place as we have, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only because of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden with all manner of luscious fruits, and which with a judicious care and management, the whole cost of the place could be returned again in a few years *by its productions*, can learn of the opportunity by applying to the Editor of the Farmer. No person need apply unless with the intention to fulfill contract.

Real Estate, or other property, in San Francisco at Gold Value, will be received in part payment and *Statistical proof given* to show the real profits annually of this rich and fertile spot.

Inquiries and letters addressed to the Farmer will be promptly attended to. WARREN

Miscellany.

BOOTS.

THEIR MORAL EFFECT ON MEN

A writer in Cassell's Magazine, gossips about "Bad Boots," as follows:

The influence of boots upon the mind is very different from that of any other garment. A man may have a shocking bad hat, but he forgets it; his coat may be threadbare, but his mind is not directed towards it; but we defy a man to stand upright in a pair of bluchers with worn-down heels, and we believe that it is just as difficult to feel morally upright in them. He cannot look people straight in the face and feel upon the square with them. He feels the weakness of his foundation, and he mistrusts the character of the superstructure that they support, however imposing in other respects. A man shabby in the boots sometimes flatters himself that he carries off attention from them by the use of a splendid necktie, but this is a delusion and a snare. The boots are the key of the position, and we feel sure that no man ought to undertake any serious matter unless he stands up in a good sound pair of boots.

A celebrated physiologist has said that, if human action could be searched into, it would be found that the intestines of one man often influence the destinies of another. Doubtless, this is a profound remark, but it applies to upper and nether soles as well as to digestion. By way of argument, imagine the final charge of the guards at Waterloo made in bad boots. It would have been all very well for the great Duke to have said, "Up Guards, and at 'em;" but could they have got at them? And if they had failed and we had lost Waterloo, what next, and next? But, badinage apart, no one will feel inclined, we suppose, to deny the influence of the mind upon the body, and *vice versa*.—When boots are hopelessly gone, shame seems to have departed also. What terribly bad boots we see crossing-sweepers following their profession in! But these are put on sometimes to excite pity. We feel this, and the effects is lost upon us. But is there a more piteous sight than a poor beggar with a boot on one foot and a shoe on the other? A man brought to this point of degradation must be demoralized beyond the hope of recovery. With women the moral influence of bad boots is not so great as with men, for the reason that they contrive not to show them; but the physical influence is far more serious. The writer, speaking from a long experience in the practice of a dispensary, where the poor mainly apply, can safely say that not a tithe of this class possess sound boots. Hidden under the petticoats, they are allowed to wear sometimes until the feet are just upon the ground, and the wearer's stockings are from morning to night, in wet weather, in a state of sop.

This may seem a minor evil, but it is just the one that causes half the disease among poor women, whose constitutions render them far less able to bear exposure of this kind than the other sex. There are also clubs and benefit societies of all other kinds, but we cannot fancy an institution that would do more immediate and lasting good than a "Good Boots Club" for the benefit of women. We may ascend higher in the social scale, and find the same evil prevailing.—Many poor governesses and servants are shockingly shod. It is just the weak point in their dress which they can hide, and they invariably do it, whereas it lies at the foundation of their health and that of their children, and it should claim their first attention. We laugh at the clattering wooden sabots of the French and German working classes; but in comparison with the flimsy, ill-made foot covering our own poor indulge in, they are more healthy and lasting. But fashion, even with the very poor, is far more powerful, we fear, than consideration of health or service.

VERDICT OF A JURY OF BOYS.—When Dr. Nathaniel Prentice taught a public school in Roxbury, he was very much a favorite; but his patience, at times, would get very much exhausted by the infraction of the school rules by the scholars. On one occasion, in rather a wrathy way, he threatened to punish with six blows of a heavy ferule the first boy detected in whispering, and appointed some as detectors. Shortly after, one of the detectors shouted—"Master, John Zeigler is whispering." John was called up and asked if it was a fact. (John, by the way, was a favorite, both with his teacher and his school-mates.) "Yes," answered John. "I was not aware of what I was about; I was intent on working out a sum, and requested the boy who sat next, to hand me the arithmatic that contained the rule, which I wished to see."

The doctor regretted his hasty threat, but told John that he could not allow him to escape the punishment, and continued: "I wish I could avoid it, but cannot, without a forfeiture of my word. I will," continued he, "leave it to any three scholars you may choose to say whether or not I omit the punishment."

John, said he agreed to that, and immediately called out, G. S——, T. D——, and D. P D——. The Doctor told them to return a verdict, which they soon did (after consultation,) as follows: The master's word must be kept inviolate—John must receive the threatened six blows of the ferule; but it must be inflicted on voluntary proxies—and we, the arbitrators, will receive the punishment by receiving each of us two of the blows."

John, who had listend to the verdict, stepped up to the Doctor, and with out-stretched hand, exclaimed: "Master, here is my hand, they shan't be struck a blow; I will receive my punishment."

The Doctor, under the pretence of wiping his face, shielded his eyes, and telling the boys to go to their seats, said he would think of it. I believe he did think of it to his dying day; but the punishment was never inflicted.—*Middlesex Jour*

A GEORGIA STORY.

HEAT IT HOT.—Col. M'Hatten emigrated to Illinois in the early settlement of the country when roadside inns were unknown, and every dweller in the wilderness kept a sort of traveller's home. The Colonel, by a lucky investment in wild land, became in time, a rich man--but he kept up his habits of hospitality; and if the guest was well-to-do in the world, he did not object to turning an honest penny in that way.

One cold, blustering winter evening a horseman drew up to the house and asked accommodation for the night. A half grown lad answered in the affirmative, and ushered him into the sitting room, where the great wood fire, of itself gave him a cordial welcome. After supper, the landlord made his appearance for the first time. He was hearty and hale, and rosy as any boniface should be, but he was bent and crippled in his gait. He explained by saying, that he had taken a cold which had settled in his back.

"I don't mind the pain so much," he continued, "but it is so inconvenient. I have been recommended to try a poor man's plaster, and if you will excuse me, I will have it put on. Sam! Samuel! Samuel M'Hattan!"

"Here, father," said the lad above-mentioned, hastily swallowed a huge piece of mince pie, which he had been quietly enjoying.

"Here, Sam, my boy, heat this plaster for me, and put it on my back. Heat it hot, Sam."

Saying which, he handed the plaster to his son, and seating himself astride his chair, with his back to the fire, threw his suspenders back, and his shirt over head. "Now, Sam, said the Colonel, 'if the poor man's plaster is hot, you may put it on; but you may wait a little; I'm afraid it's not hot enough. Can you tell," he continued, turning to the traveller, who was seated in the corner' "Can you tell me why this is called the poor man's plaster—sometimes the poor man's friend? eh, give it up?" laughing to himself,—"because it sticketh closer than a brother! eh?"

Poor Sam, who had been watching his chance to speak without interrupting his father, now ventured to say:

"I guess it's hot enough now, father."

"What do you know about it?" said the old man, testily. "I say, heat it hot, Sam, heat it hot."

Sam, whose face was at a red heat, had held the plaster to the fire until it ran and dripped down on the hearth, and he made no reply.

"Well," said the old man looking around, "maybe it will do now, Sam. Clap it on."

Sam, armed with the plaster, approached him; and if my word can be taken, did clap it on. The old man gave one yell, like a wild Indian, and jumped clear over the back of the chair, kicking his old-fashioned breeches off his feet, dancing around with pain. The traveller laughed until he cried; and the more mine host roared, the more he laughed. When the first agony was over, the Colonel began to swear, and our traveller thought it would be prudent to retire, lest he should share his wrath with Sam, who he observed was making good his distance.

The next morning, when leaving, he handed the Colonel five dollars, saying with a sly twinkle of his eye:

"I don't want any change. It is cheap at that."

After he was seated upon his horse, and out of range, he said:

"Heat it hot, Sam, heat it hot. It sticketh closer than a brother, eh?"

BADLY FRIGHTENED.—A loafer, who had been noisy, was up before the Mayor's court. His Honor told him to pay over five dollars for his fine. C-c-c can't do it," muttered he: "a-a-in't got the p-p-pewter." "Are you a married man?" inquired the Mayor. "N-n-n not exactly, so far gone as that." "Well, I will have to send you to the work house." "T-t-t-tain't nuthin' to g-g-g-go there," said Alick; "b-b-but when you t-t-talked about m-m-marriage, old fellow, you f-f-frightened me."

Can any one tell why men who cannot pay small bills, can always find money to buy liquors, and treat when happening among their friends?

Can any one tell how young men who dodge wash women, and who are always behind with their landlords can play billiards night and, day, and are always ready for a game of poker or seven-up?

Can any one tell how men live and support families, who have no income and do not work, while others who are industrious and constantly employed, half starve?

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture. Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and its price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place. No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them. 32-1

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

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Parlor Furniture,

Including our WHOLE DISPLAY at

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We are now prepared to offer the

BEST GOODS

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310, 312, 314 Pine Street, SAN FRANCISCO.
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SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

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☛ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL Concord HARNESS, for the Pacific Coast.

GERRISH

SUBMERGED DOUBLE-ACTING

FORCE PUMPS.

Patented by J. A. Morrell, Oct. 29, 1867.

The Cheapest, Simplest, and most Durable Pump in the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

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Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30 23 King St San Francisco.

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

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PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

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PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,802 82
CASH ASSETS	$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

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OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

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CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☛ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

is on the red cover of the package.

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street. San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California stret.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. This three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

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Printing and Wrapping Papers,

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All Kinds of Paper made to order.

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DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD
China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 63 and 71.
Also Grant's Candles, in lots to suit. 30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, February 18.

Grain, &c

The Grain Market remains without any material change, although the news from New York and Liverpool both, are lower price.

Never has the prospects of the grain planter been more favorable, and never have the grain crops looked so universally good, even we should say, so very excellent as the present season.

Grain is growing strong, healthy and rapidly, and there is every reason to believe we have an ever-shall age yield beyond that of any year yet seen in California, for never before have we had so large an area of grain planted on summer Fallow'd land, or grain that has been put into the ground so wisely and well.

We have noticed with a good degree of satisfaction, that our farmers are begining to feel some pride in their calling. Our *Wheat* raisers are getting rich and they feel their *dignity*, we are glad of it, they will soon have an opportunity to make their *influence* felt, (Who will solve our meaning?)

Our Grain growers that *read*, will observe that the price of wheat in Liverpool is 10s 8d and 10s 6d, $2,60 $2,56,—deduct the cost and charges andit leaves $1,50 nett.

The New York prices are $1,90 and $1,95 currency per bushel or about 1,46, 1,48, in gold per bushel. Deduct cost and charges for sending abroad, and there is no margin to the exporter worth the risk, and the reason why ships are loaded with grain or flour either to Liverpool or the East, arises most undoubtedly from the fact the *owners* load the most of what goes abroad to *make freight*.

Our Farmers if they were wise, would now *Rush their grain into market* and dispose of it the best they could, for the coming year's crops will be so large, that they will be glad to get 1½c for it—Such is our firm belief.

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 75	@	1 80
Barley, ₱ 100 lbs	2 20	@	2 30
Rye ₱ 100 lbs	3 50	@	3 75
Oats, California, ₱ 100 lbs	2 10	@	2 25
Corn ₱ 100 lbs	1 62	@	1 70
Flour, Superfine, ₱ bbl	4 50	@	4 75
do Extra	5 00	@	5 75
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 75	@	5 00
Corn Meal, ₱ 100 lbs	2 75	@	3 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	22 00	@	25 00
Middlings ₱ ton	27 00	@	30 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	500	@	7 50
Potatoes	75	@	1 00
do sweet	2 00	@	2 50
Onions	3 50	@	3 75
Hay, ₱ ton, extra	15 00	@	20 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Retail Prices in the Fruit Market.

It is with regret, we record the indifferent supply of California fruit nor in our market, because we know well, that in certain localities, almost every variety of tropical fruits, can be produced, independent of the rarest and choicest of Pears and Grapes, which can be preserved the season through. What has become of the choice winter Pears, and the Canson Hall Muscat grapes, they should be plentiful at this season?—The reply is, there are not many produced, consequently, there is no supply in the market.

Apples, ₱ box	2 00	@	4 00
Pears, ₱ lb	12	@	20
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	20	@	25
Strawberries, ₱ lb	—	@	—
Hasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ doz	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15

Retail Prices in the Vegetable Market.

In this department, everything is bright and prosperous.—Even at this period of the season, we are having late spring and summer produce brought to market, such as large late Asiatic Cauliflowers, large red Tomatoes, (perfectly ripe), yellow Malta Turnips, spring or winter's growth, spring (for we must use this term.) Onions, one inch in diameter, and every variety of Salad in use. What will our friends in the cold East, think of such facts,—such is the case, prices as below.

Asparagus, ₱ lb	50	@	75
Artichokes, (Fr.) ₱ doz	50	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	150	@	1 50
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	—
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	200
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb	—	@	—
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	8		12
do Sweet	8	@	10
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	—
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	—
do Hubbard	3	@	8
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	—	@	50
Salsify, ₱ bunch	25	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	25

FISH

(Tessmore and Hayes.)

During the past week, our fish market, has been well supplied with all the varieties of the scaly tribe, even Salmon, (the King of fishes) has been more plentiful, and at every restaurant, you can hear all the Europeans, calling out for salmon, salmon, salmon!—of course, it is a cheap dish for new arrivals, nevertheless in these localities, should at all times, be abundant and pretty plentiful. Herrings, are the reverse; the climate is too warm for an over abundant supply consequently, the prices are high in proportion.

Salmon, ₱ lb	18	@	20
do smoked, new		@	30
do pickled, ₱ lb	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	—
Smelts	—	@	12
Perch	—	@	12
Rockfish	15	@	18
Codfish, dry	—	@	18
Herring, fresh	—	@	8
do smoked		@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

POULTRY AND GAME.

(A. A. Louderback.)

Our Chinese festivities are over, consequently, a sudden drop in the prices of the leading articles in this department—nevertheless, as the bad condition of the roads leading to the direct communication to our city, is some interruption to the conveyance of the articles our ranchmen have in stock, therefore, the prices are better than we could have expected. We, from past experience, think that prices in this department have always been very remunerative.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 00	@	1 25
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	20	@	25
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	8 00	@	9 00
Spring Chickens		@	10 00
Turkeys, ₱ lb	20	@	
Ducks, tame, per doz		@	10 00
do wild		@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair		@	3 50
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	1 75

MEATS.

(L. Miller & Co.)

Prices in this department, are firm and good,—an increasing demand for good Beef and Mutton, is the prevailing cry. Our graziers must bestir themselves and bring to our market nothing but first class meats, and those in abundance.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cr red		@	35

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

In this department, there is a slight drop, and will be more so during the next week. The prices were suddenly exalted, in consequence of the celestial festivities, they now being over, of course, every thing will quietly drop down to our usual reasonable rates.

Butter, California, ₱ lb (Fresh)	55	@	65
do do packed	—	@	50
do Oregon packed		@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	50	@	55
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	45	@	50
do do packed	—	@	40
do Eastern (new)	35	@	40
Cheese, California	19	@	20
Eggs, ₱ doz	40	@	42
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 11½@ 13 c ₱ lb
do. 2d do. 8@10c.
MUTTON—10@12c ₱ lb. LAMB— @12c.
PORK—undrased, —@5½c; dressed, 9@10c.
VEAL—10@12c ₱ lb.

WOOL, TALLOW, HIDES ETC.

Wool, best fall clip	16	@	18½
Medium	12	@	15
do burry	10	@	12
Wool-sacks, new	75	@	80
do second hand	40c	@	50
Dry hides, ₱ lb	15	@	16
Green salted, ₱ lb	7	@	7½
Sheep skins, wool on	30	@	50
do do plain	12	@	25
Goat skins, each	25	@	50
Refined Tallow	8	@	8¼

New Productions of California,

Flax Seed ₱ lb	3½	@	4
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3	@	4½
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	30
do. Imported	35	@	40
Mustard Seed	3 00	@	4 50

Special Notice.

We desire to direct the attention of our readers to the advertisement of the American Watch Company, in another column. This Company is the pioneer of Watch-making in the United States, and has grown in the short space of fifteen years to the largest Watch Manufacturing establishment in the world. This fact, in connection with another important fact—that their Watches are now selling at less prices in greenbacks than the gold prices asked before the war—illustrates the great success of the Company.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

Feb. 6.—GOLDEN AGE—Capt. E. S. Farnesworth, connecting with the ALASKA, Capt. Gray.

Fed. 13.—COLERADO—Capt. W. H. Parker, connecting with the RISING STAR, Capt. King.

Feb. 22,—SACRAMENTO, Capt A. West, connecting with HENRY CHAUNCEY, Capt. Connor.

Feb. 27—MONTANA— Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury,

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of $10 to $20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings, Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 [illegible] A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada,

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE

HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times. Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Choice Grape Cuttings.

50,000,

BY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,

Or address Editor Farmer.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLA[illegible] in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. M[illegible] Vermifuge, they very frequently get one or other of the many worthless preparations called Ver[illegible] now before the public. We therefore beg leave to urge upon the Planter the propriety and [illegible] ance of invariably writing the name in full, and to advise their factors or agents that they will not [illegible] other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., [illegible] BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. T[illegible] popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements [illegible] alent in the South and South West, has induced the venders of many worthless nostrums to claim for the[illegible] parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are [illegible] ginal and only reliable remedy for Liver Complaints that has yet been discovered. and we urge the Pla[illegible] Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take [illegible] Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, PA

DR. M'LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER [illegible] BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMP[illegible] and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the [illegible] South, where, in the majority of cases, the patient is not within the reach of a regular physican, requ[illegible] some remedy should be provided, that would not in the least impair the constitution, and yet be safe and [illegible] That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great [illegible] which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It [illegible] our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced [illegible] they have been so tested, and that the result has been in every respect favorable, we call thousands to wit[illegible] have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS are not held forth or recommended, (like most of the popular me[illegible] the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected [illegible] deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally suppos d. The function it is [illegible] to perform, and on the regular execution of which depends not only the general health of the body but the [illegible] of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance to [illegible] health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the body, b[illegible] ercises a powerful influence over the mind and its operation, which cannot be easily described. It has n[illegible] connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful cha[illegible] that it misleads more physicians, even of great eminence, than any other vital organ. The intimate con[illegible] which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises [illegible] passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal n[illegible] or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long [illegible] convinced that more than one-half of the complaints which occur in this country, are to be considered a[illegible] their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the [illegible] Deranged State of the Bowels. Irritable and Vindictive feelings and Passions from trifling and inadequate [illegible] of which we afterwards feel ashamed; last, though not least, more than three-fourths of the diseases enu[illegible] under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increa[illegible] pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometim[illegible] pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometim[illegible] taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels [illegible] ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull [illegible] sensation in the back part. There is generally a considerable loss of memory, accompanied with a sli[illegible] ion of having left undone something which ought to have been done. A slight dry cough is sometimes an [illegible] ant. The patient complains of weariness and debility; he is easily startled; his feet are cold or burning, [illegible] complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise [illegible] be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every [illegible] Several of the above symptoms attend the disease; but cases have occurred when few of them existed yet [illegible] nation of the body after death has shown the Liver to have been xtensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when taken [illegible] Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after [illegible] Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not pur[illegible] or three times by next morning, take one or two more; but a slight breakfast should invariably follow the [illegible] The Liver Pills may be used where purging simply is necessary. As an anti bilious purgative they are [illegible] to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangem[illegible] the Stomach

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist tha[illegible] consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an [illegible] cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient [illegible] fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some [illegible] cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and [illegible] ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous [illegible] of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too fre[illegible] happens that a disease otherwise easily m aged by proper remedies, when aggravated by that cause, bids [illegible] to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked, [illegible] even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled [illegible] loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-han[illegible] with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with [illegible] al flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an aur[illegible] circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the [illegible] occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy [illegible] tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a [illegible] sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nauses and [illegible] violent pains throughout the abdomen; bowe s irregular, at times costive; stools slimy, not unfrequently [illegible] with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by [illegible] cough sometimesdry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; temper [illegible] but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPE[illegible] UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to w[illegible] in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual [illegible] viding the symptoms attending the sickness of the child or adult warrant the supposition of worms being the [illegible] In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MER[illegible] IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury [illegible] most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water [illegible] morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten [illegible] a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. [illegible] great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to a[illegible] palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have [illegible] forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following [illegible] of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLA[illegible] FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: [illegible] McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIE[illegible] This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the [illegible] stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box LIVER PI[illegible] Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, FEBRUARY 25, 1869. NUMBER 6

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SAN FRANCISCO.

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City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

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SAN FRANCISCO, Cal.

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R. F. MAY, Esq., Helena, Washington Territory.

MESSRS. PEASLEY & CO., Beekman St, New York.

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MESSRS. WAITE, BURNELL & CO., Seed Merchants High Holbourne, London.

MESSRS. VILMORINE, ANDRIEUX & CO., Paris.

Home Correspondence.

For the California Farmer.

LETTER FROM WHITE PINE.

NUMBER TWO.

CARSON, Nev. Feb'y. 15, 1869.

COL. WARREN.—*Dear Sir:* Having visited the Capitol of the State and taken a look at things generally, I propose, in my rough and unpolished style to give you a few items concerning matters Hereabouts. You mus'nt expect very much from one, more accustomed to following the plow, driving team, and running a threshing machine, than writing a newspaper article; and if this won't do to print, you need not return it—give it over to the "devouring element."

The Nevada Legislature being now in session, I naturally sought the Capitol and, during my leisure hours for a week or more have been in the habit of attending their sessions. I learn that there are twenty Senators, and thirty-nine Assemblymen.

THE HALF OF THIRTY-NINE!

I am informed that a vexed question had to be disposed of at the opening of the session, as to the member from Lincoln County being entitled to his seat. The Constitution provides that the number of Senators shall never exceed half the number of Assemblymen. Previous to the present session, the representation stood thirty-eight Assemblymen, and nineteen Senators. This was exactly the Constitutional proportion. At the last session, the County of Lincoln was created and one Assemblyman and one Senator accorded to it. This gave the whole number of Assemblymen as already stated. I am told that a great deal of mathematical learning was displayed by Senators pro and con, on the admission of the Lincoln Senator. It was boldly asserted that twenty was as near the half of thirty-nine as nineteen, while on the other hand, it was claimed that that was not the question to be determined—the real question being, whether twenty was more than half of thirty-nine? It is not certain which proposition was carried, further than that the member from Lincoln was admitted to his seat. It may therefore be assumed as an established fact, that "twenty is as near the half of thirty-nine as nineteen."

A CAPITOL MOVEMENT.

One of the measures creating the most local interest here, is a Bill to appropriate one hundred thousand dollars to build a Capitol on the Plaza. It is considered, with the people here, to be about the turning point of political power between the "East" and "West," the great Humbolt desert being a sort of natural divison of the State. At present, the Empire of population and representation in the State Legislature is in the western portion of the State. The growing importance of the eastern portion, and the recent mineral discoveries and rush of emigration to the East, points to that, in the near future as the Empire of this State, in population and wealth.

Carson, was fixed upon in the Constitution as the Capitol of the State, and no removal can be had without an amendment to the Constitution. The people of this locality see in the next apportionment of representation, the probability of a change in the Constitution, and a speedy removal of the Capitol, hence the interest felt in the Capitol appropriation measure. It has engaged the constant attention of the citizens of the Capitol ever since the session commenced, and it is charged that the delegations locally interested have logrolled, traded, and swapped votes on all measures whereby they could gain support for it, and they have so far succeeded as to pass the measure through the Assembly. It is now in the Senate where they confidently count on its passage.

A FIELD DAY IN THE ASSEMBLY.

It is not often that a rustic from the country is privileged to see so much, in so brief a time, as the occurrences in the Assembly on Friday last. It all grew out of the Capitol Appropriation Bill. The vote was taken on Wednesday, and carried barely by a Constitutional vote—one of the members opposed to the measure voting for the Bill, giving it an apparent strength of one vote that it did not have. On enquiry, I learn that in order to be allowed to move a reconsideration of a measure that has passed, it is necessary for the moving party to have voted with the majority. One who voted for the Bill gave notice that on the next day (Thursday) he would move to reconsider the vote by which the Bill passed. On that day, by a parliamentary trick, the Assembly was adjourned, thus cutting off the right to make the motion. On the day following, it was asserted on the one side, but denied on the other, that the *title* to the Bill had never been approved, and a resolution was offered to request the Senate to return the Bill. One of the members who had supported the measure, repented and voted for the Resolution and it was adopted. A motion was then made to instruct the Clerk to communicate to the Senate the action had, and on this the author of the Capitol Bill commenced to buck. He made frivolous motions and when ruled out of order, persisted in debating them. He was ordered to take his seat and refused to obey, the Sergeant-at-Arms was ordered to seat him, which was done in no very courteous manner. But the offending member would n't stay seated. He rose and resumed his offensive conduct. One of his friends was absent and he wanted to kill time till he could be brought in. The speaker again ordered him to be seated which order he refused to obey.

CARRIED OUT.

The speaker now ordered the offender under arrest. His name I afterwards learned, is Mayhugh and he is from Esmeralda County. The Sergeant at Arms and his assistant now advanced to arrest and take the obstreperous Assemblyman from the Hall; but he resisted—seized hold of his desk, next of chairs which were toppled over and tumbled round in the wildest confusion and disorder, but the Sergeants bore him off into the rear of the Hall. After a few minutes he returned in charge of the officers, and was taken to the front of the speaker's stand and reprimanded, after which he apologized, and the matter seemed to be satisfactory all round.

A NEW JURY BILL.

There is a measure under consideration here known as the Beatty Jury Bill, which is new in some of its provisions. As first introduced, there were no exemptions allowed, only on payment of twenty-five dollars; but the opposition offered in the interest of the firemen has effected a change, so far as to exempt active firemen who have apparatus for extinguishing fire. The theory of the Bill, is that jury service is compulsive while all the services rendered by firemen and militiamen is voluntary—that the exemptions in favor of priests, ministers, physicians, lawyers, editors, etc, has no merit whatever. They are equally, with all other classes, interested in having jury duty performed and ought to do their share; that if the peculiar profession or avocation chosen is of such a character, as not to admit of their performing this service, they ought, in justice to those who are compelled to perform it, contribute something into a fund, to compensate those required to do jury duty. The Bill, in its amended form I have no doubt will become a law.

RAILROADS.

Bills have passed to aid by Counties interested in the building of a Railroad from Carson to Virginia, and the road will doubtless be built within the next twelve months, thus facilitating the working of a large class of low grade ores, which expenses heretofore have made it unprofitable to have reduced.

AGRICULTURAL PROSPECTS.

There is now a great deal of enquiry after the agricultural lands in the eastern portion of the State. As mineral discoveries are made, large tracts of arable and grazing land is brought to the knowledge of the public. The United States surveys are being pushed forward along the route, of the Central Pacific Railroad, and men are locating farms and making ready to cultivate the soil, with a good prospect of speedy reward. Barley at White Pine is now selling at 16 cents per pound, and Hay along the road from Elko there, is bringing $170 per ton. With these extravagant figures which will never be realized again, a stimulous to agricultural pursuits is given which will bring under speedy cultivation large tracts, which it might otherwise have required years to develope.

THE OPENING MARKET.

Did you ever contemplate the extent of the market which is now opening to California fruits and other sources of trade, by the extension of the Railroad? For years this great country, extending from the eastern base of the Nevada Mountains to Salt Lake, will be supplied by California fruits. Not a little will find its way even to the city of Chicago. The nurseries and flower gardens will also have a good demand for long years to come. The extent of country to be supplied is immense. If it is populated, as present developements seem to indicate, it is hard to conceive what is in the near future, of population and trade in this new country. San Francisco, by a liberal course and proper foresight, may command for California this expansive and unfolding empire. Much is said and written about Chicago competing for this trade; it cannot be done, unless the people of California show themselves unworthy of the position they occupy on the map of the world.

Since writing the foregoing the Capitol Bill has passed and is now in the hands of the Governor. Two new County Bills are now pending, with a fair show to become laws—one for a County to include White Pine, another to include Elka and the northeastern portion of the State.

AN OLD CALIFORNIAN.

LOS ANGELES, CULTIVATION, SILK CULTURE Etc.

LOS ANGELES, FEB'Y 17th 1869

Friend Warren,—Accompaning this note, please find a Small Sample of "Fruits from our Fairy land."

There is but little to note in this quiet pastoral district. The Orange crop, though small is of fine quality. More land has been put in small grain than ever before and the late heavy rains have dispelled all doubts of a dry season which was much feared.

A large Emigration has been coming here for the past few months, some of whom have settled while others returned. Some of the largest Rancho's (Spanish Grants) have past into the hands of the "Small Fry," *land grabbers*, and are at last offered for sale, even at exorbitant prices.

A few Emigrants have been induced to purchase and settle on the dry lands who will doubtless come to grief.

A few artesian well borers have commenced their labors here, and it is ammusing to see the silly tricks resorted to by land owners to make believe they have succeeded in getting running water. A low swamp or springy location is selected where by sinking a short distance the water is induced to flow to the surface and: "There don't you see, we have got Artesian water." Buy our lands, and "go thou and do likewise," others however, are trying in good earnest and, O should they succeed, won't our deserts flourish, and "Blossom as the Rose?"

There is an unsure and I fear an unhealthy excitement about "Silk Culture," this season; parties engaging in this business, although they have never reeled an ounce of silk in their lives, can inform you precisely how much money they will make the first year, the second, more, and the third they come out almost *millionares* they base their fast and fabulous fortunes, first upon the State Bounty, or Premium, and next the sale of Eggs, but little being said of preparing the silk for market.

Now Col, you have been observing this closely for at least five years and should be good authority, can you inform us, in the first place as to the "States Bounty," on Mulberry trees and how the State officials proposes to raise these fabulously large sums; as to eggs, if they keep falling in price as last season from 10 to 6 and 4 Dollars per ounce I don't see much encouragement here; but has there been no actual experiment made? can you not give us the cost of raising and preparing one pound of reeled silk for market, and also its price? Give us something reliable, Col, for we do not want calculation made on paper, by parties who have mulberry cuttings and eggs for sale; we have a supply of those on hand ourselves

M. D. J.

OUR REPLY.

In reply to our kind friend, we will first give him our grateful thanks for the large box of delicious fruit which he has so generously sent us, and which came to us in perfect order.

When we opened the box the *perfume* of the delicious fruit was like a breath from "Araby the Blest," and the odors are still about us.

The Lemons, Oranges, and Limes are as large, fine and delicious, each perfect in their kind as can be found in any market in the world. Well may our correspondant call Los Angeles, the 'Fairy Land' if her groves bear such fruits as these.

In reply to the inquires relative to the State Bounties on Mulberry trees, Cocoons &c. also the cost of Reeling Silk &c. we will endeavor in our next to give full details, and the data we shall give shall be reliable.

Hoping to hear often from our friend from the "Fairy Land," as we know we have many readers who are alike interested in the silk question.

ED. FARMER.

THE BOYHOOD OF LINCOLN.

Prang's last elaborate chromo, "The Boyhood of Lincoln," will undoubtedly prove a most profitable venture. There is something peculiarly felicitous in the conjunction of the subject and the picture which assure success. The democracy of art has been applied to teaching the great lesson of American democracy. Eastman Johnson has done in painting for our common home life, what Rogers has done in sculpture for our war life, and this chromo-lithograph will go far to make his name as popular.

The argument for chromo lithography is quite logically and forcibly evolved in this very picture. Just the boys in our land who ought to study the impressive story of the boyhood of Lincoln—and for whom it comes as an evangel—would never be able to do so but for this invention of cheap picture printing. Were the canvas the only medium, Lincoln's life and struggles would be told but to rich men's sons, and its blessed promise to every one of the striving many, from whose shoulders it is the mission of American Republicanism to lift the burdens, would be lost.

In its rare fidelity to the homely details of Western life, presenting an artistic photograph of the backwoods cabin, the home and school of so many an American statesman, this picture has a claim on popular appreciation that will be readily recognized, and it is not venturing much to predict that before very long its rich, dark shades and warm, glowing colors will become household treasures in cot and cabin from ocean to ocean.

GENIUS.

ALEXANDER HAMILTON said to an intimate friend: 'Men give me some credit for genius. All the genius I have lies just in this: When I have a subject in hand, I study it profoundly. Day and night it is before me. I explore it in all its bearings. My mind becomes pervaded with it. Then the effort which I make the people are pleased to call the fruit of genius. It is the fruit of labor and thought.'

Mr. Webster once replied to a gentleman who pressed him to speak on a subject of great importance: 'The subject interests me deeply, but I have not time.—There, sir,' pointing to a huge pile of letters on the table, 'is a pile of unanswered letters to which I must reply before the close of the session (which was then three days off). I have no time to master the subject so as to do it justice.'

'But, Mr. Webster, a few words from you would do much to awaken public attention to it.'

'If there is so much weight in my words as you represent, it is because I do not allow myself to speak on any subject until my mind is imbued with it.'

Demosthenes was once urged to speak on a sudden and great emergency. 'I am not prepared,' said he, and obstinately refused.

The law of labor is equally binding on genius and mediocrity.

RELIGIOUS SPECULATIONS.—Investigations by revenue officers show that the wealthy trustees of churches up town have used money set apart exclusively for religous purposes in investments in Stocks through their favorites brokers. One revenue officer estimates at least two millions in church funds thus invested, while the name of the real capitalists are never made public. A Baptist clergyman is known to have speculated largely in stocks and spends much of his time among brokers. It is said, numbers of churches have been mortgaged for purposes of obtaining money to use in stock speculations.—*N. Y. Exchange*

PRETTY TALL SMOKING.—The tallest chimney in the world, is said to be that at the Port Dundas Works, Glasgow, Scotland. Its height, from the foundation, is 468 feet, above the ground 454 feet, the foundation being 14 feet deep; the outside diameter on a level with the ground is 34 feet, at the top 12 feet 4 inches. The most wonderful part of the story of this lofty chimney is, that having been twisted out of the vertical line to the extent of 7 feet 9 inches, by a violent wind, before the mortar was hardened, human skill has reduced it to a perfect perpendicular again. The mortar was sawed out on the windward side, so as to allow the chimney to settle sufficiently to restore the perpendicular.

SACRAMENTO PROPERTY GOING UP.—The Sac. Bee of the 15th says.

SOLD TO-DAY;—The 100 or 103 acres of land known as part of the Hartley Estate, lying between R and Y, and immediately east of Thirty-first street, was disposed of to-day to Geo. W. Mowe, for $15,000. Garland bid within $50 of that amount, and Barrett, Lansing, and others came close upon the figure. That is about $150 per acre, and is called a good sale.

—If industry is no more than habit, it is at least an excellent one.

OUR SUNLIGHT AND MOONLIGHT.

Italian lands never gave a more genial breath nor their skies a more glorious halo than we San Franciscans have enjoyed for several days past.

Italy may have boasted of her Starlight and Moonlight scenery, but we think we can vie with Italy in both; let the Painter catch the inspiration of our own views from the Steamer's deck in the Moonlight going up to Sacramento. Let him but look away to the Range of the "Sierra Nevada's" and catch the gleams of their ice crested peaks, while the river banks beneath his eye is covered with bright flowers and the air he breathes is as balmy as the breath of roses, and the Painter if he is an "artist" will not need to go to Italia's far clime for Moonlight Scenery, for we have it here in its richest and most beautiful perfection.

NEWS FROM HONOLULU.

The Commercial Herald furnishes us the following news of Jan 23.

EARTHQUAKE.—Another of these unwelcome visitors startled our citizens on Wednesday afternoon, at half past five o'clock. In the valley and near the harbor it was not so distinctly felt as on a line between the two points. From Kaalaea, on the winward side of the island, we learn that it was quite severe, so much so that it was feared that the sugar works were injured, but after careful inspection everything was found in order. News from Kau, Hawaii, is anxiously waited for.

SHARK OIL.—We learn that an expedition is being organized, and a vessel fitted, out for the purpose of catching sharks, in the water about Pearl River. The oil will be extrcted from their livers, and the fins dried for the China trade.

QUICKSILVER.—Small quantities of quicksilver have been offered about town by natives the past week, which it is said was brought up from the bottom of the harbor by the steam dredge boat. Perhaps the oldest inhabitant can tell how it came there.

METEOR.—On Tuesday evening, at about half past ten o'clock, a brilliant meteor shot across the heavens, in the north-eastern part. The light emitted was so bright and the flash so sudden as to startle parties who were out walking,

NEWS FROM LOS ANGELES.

RAIN.—The frequent rains with which we have been blest for the past two weeks has made our farmers the jolliest people imaginable, it has also had much of the same effect upon the real estate agents and agricultural implement venders, for while those who are awaiting a more favorable aspect of the season for purchasing lands, are now anxiously enquiring for locations to purchase or rent; those who already have lands are adding to their force of gang plows, cultivators, &c. to get in as much land as possible.

TEJUNGA RANCHO.—The Tejunga Rancho, situated about fifteen miles from this city, was sold a a few days since for $6,600, an advance of over 3,000 upon what was paid for it some four months since.

DEEDS.—There has been recorded in this county, at the office of the County Recorder, during the month ending Monday, Feb. 10th, one hundred and one sales of real estate, amounting in the aggregate to $138,139.

SNOW.—The snow has appeared nearer the valley, upon the foothills, this winter, than for a number of years past, which accounts for the present unusually cold weather in this city.

IN BLOOM.—We notice that the Almond trees, throughout the city are in full bloom, as is usual at this season of the year.

Lower Californiа.—We have received a large and well gotten up Pamphlet, containing a History of this region of the Country. The pamphlet contains about 50 pages and offers to it's readers a treatise of that region, it's GEOGRAPHY and CHARACTERISTICS with a history of the grant, and purposes of the California Company.

Lumber at White Pine.—It don,t take much to build up there, Lumber sells at $ 250 to $ 350 per thousand. Why don't some live yankee put up a saw mill, and make his pile."—

—Mankind should learn temperance from the moon—the fuller she gets, the shorter her horns become.

—Solomon advises the sluggard to go to the ant, but the shiftless of the present day go to the uncle.

—A dandy inquired at a fruit stall, "Are these apples fit for the hogs to eat?" "Try 'em and see," said the woman.

Reader! have you those loved ones whom to leave destitute would embitter your last hours?—Then go to day and secure a *Life Policy for their good.*

—Riches got by fraud are dug out of one's own heart, and destroys the mind.

Agriculture.

FARMING MACHINERY.

The improvement of the portable steam engine, no less than of the locomotive steam engine, to meet the demands of agriculture, is one of the most important problems of the day. There are already in England, stationary engines of 100 indicated horse power, employed to drag gangs of ploughs. The application of steam to the other operations of agriculture is almost equally important. "Engineering" says: When all the advantages of steam are fully understood by farmers we may expect to see it applied on thousands of farms where, thus far, it has never been seen. It will be employed to mix clay and sandy soils, assimilating the texture of hill top lands to that of those in the valleys. It will be employed to pump farm and other sewage to where it ought to be pumped for irrigation, for sheep washing, for stone breaking, and in many other ways. The worthy steam farmer will be a sort of factory owner and engineer-in-chief, and many of his men will be mechanics, engine drivers, and stokers. The great farms will be almost in a single field, levelled where possible almost like a drawing table. The steam farming (not barnyard) engine can equally draw a plough, a cultivator, a harrow, a seed drill, or a drain plough, and it is not clear why it should not also draw a reaping or mowing machine, provided it was made sufficiently wide to render the application of steam profitable.

There is no less than 300 steam ploughs and cultivating sets now used in England. "Engineering" estimates that they have broken up and pulverized from once to 6 to 8 times, at least half a million acres (possibly much more, for it is exceedingly difficult to form any accurate estimate,) and that in a manner never before known since ploughs were invented. There are now ploughing engines capable of exerting 100 indicated horse power, and capable of putting a draught of 3 or 4 tons upon an implement at a rate varying between 3 and 4 miles an hour. With such power any depth can be reached, and as the disintegrating power is, by a well-established mechanical law, as the square of the velocity, the soil is broken with 4 times the mechanical effect at 4 miles an hour, as in the case of a horse-drawn plough at two miles.

The committees of the Royal Agricultural Society on steam cultivation, published in 1867, after examining some 200 steam-tilled farms, report that "A culture deeper than is possible for horses to effect, works a highly beneficial change in the texture of the soil, imparts additional efficiency to drainage works, augments the value of the manure applied, brings into operation certain latent properties of the soil, which much increases its fertility; it also fits land, formerly unfit, for the growth of turnips, allows of their being fed off by sheep, the operations of the field is economized, and the growth of the crops is stimulated." At the time of their report steam tillage was considerably cheaper than horse tillage. Now, the steam ploughing engine, rope, and other tackle, and the attached implements, have been very much improved, and the comparison would be still more in favor of steam.

But the greatest gain is in the improved crops due to thorough tillage, and this may amount to an extra quarter of wheat per acre, an extra 3 or 4 tons of turnips, or something equivalent, and in this way the average crop may be increased possibly to the extent of £10,000,000. There are many recorded instances of steam-ploughed fields yielding 2 or more quarters of wheat per acre more than fields of the same character of soil alongside, but cultivated by horses.

Although there is probably no more efficient and economical power than steam for large operations, the substitution for "one horse" operations of some safer and more cheaply managed power than steam, as at present generated and used, should merit the serious consideration of the profession.

The "American Artisan" suggests also the following important problems for agricultural engineers: The development of *compound machines* for preparing, by different changes of parts, the food for animals, whether of grain or stalk or root; for disintegrating and preparing refuse mineral and vegetable substances for fertilizing purposes; for cleaning fields from stones; for the rapid and efficient construction of drains, and for many other purposes which would be developed in time, but can hardly be now foreseen.

Sweet Potatoe Seed from the Bloom.—A correspondent of the Plow, Loom, and Anvil, says he has raised, for three years past, sweet potatoes of better quality than usual, in the following way.

The yam potatoe blooms in August; the seeds are formed of about the size of a sage seed and of about the same color. The pods should be noticed and gathered when ripe, or they will drop. In the spring, at the usual time of sowing the seed, I sow them in the same way I sow cabbage seed.

They do not come up quite as soon, but will continue doing so during spring. The plant is small and delicate in appearance, and should be drawn in a wet season with a little dirt attached to it and transplanted. The leaf and vine have a different appearance from the potato, and will be found to grow larger and smoother than usual.

I prefer this method after satisfactory practice, in raising the potato to any other.

The cheapest of lawyers—keeping ones own counsel.

COTTON SEED OIL.

The cotton seed in its ordinary condition weighs about 33 pounds per bushel, of which about one-half is oil-yielding kernel, and the rest husk or hull, the latter being covered with a short woolen coat of fibres or filaments. In the usual method of extracting the oil this hull is removed by machinery, and the oil is expressed from the kernels by subjecting the same to great pressure after being ground, about 60 gallons of oil being obtained from a ton of the hulled seed. The oil weighs about 8 pounds to the gallon, and may be used not only in the manufacture of soap, but for grinding paints, and when of first quality and properly refined, as a table oil in the place of that obtained from olives. One reason why this branch of production has not thriven better may, perhaps, be found in the employment of costly machinery, which not only involves a large original outlay of capital, but necessitates the consumption of all the seed of a large neighborhood in order to keep the apparatus constantly, and thus profitably employed, while the most available method would appear to involve the use of cheap and easily-operated machinery. This would enable each proprietor to extract the oil from the seed at such times and under such circumstances as might be the most convenient, and to employ the cotton seed as manure to nearly the same extent as if the crude seed were buried in the earth, inasmuch as the oil is simply a hydro carbon, worth comparatively little as a fertilizer, while the pomace or oil-cake, containing the mineral matter and substances capable of generating ammonia, could be used for manurial purposes.

The "American Artisan" calls the attention of inventors to this subject, and indicates the direction of improvement.

DON'T EAT PORK

John Wilbrecht, a farmer residing five miles west of Rome, a son; and two daughters, all adults, have died since Dec 18th of trichinosis. Five other members of the family and of the family of his son in law, B. Friedel, are ill of the same disease some of them in a very critical condition. A microscopical examination of the muscle of one o the deceased revealed the presence of myriads of trichina in an active state. The little worms looked, under the microscope like living snakes. The salt pork and sausages of which these families had eaten were full of trichina in the encysted state. This pork was raised by Mr. Wilbrecht, and fattened as usual on corn and grain. There was nothing in the conduct or appearance of the animals when fattening or the look of the meat to indicate disease. The sausages are made of raw meat and then smoked until quite black and dry, as is the German custom, and have been eaten by all the persons attacked without cooking. This terrible calamity which has befallen these people is another impressive warning to the public of the importance of thoroughly cooking pork. In heating this meat to the boiling point is the only safety against frightful and mortal disease.

S. F. Bulletin

AGRICULTURAL ITEMS.

The live stock traffic of Chicago for 1868 amounted to 324,525 beeves, and 1,706,782 hogs received. Sixty five million dollars were paid out for cattle and hogs.

At a recent meeting of the Connecticut Board of Agriculture, Mr. E. H. Hyde stated that he once had a Durham cow that produced 55 pounds of milk, which made 21 pounds 15 ounces of butter daily, for thirty days in succession.

At a sale of Short-Horns in England, Moss Rose, a famous cow, but somewhat aged, sold for 400 guineas. Two others, Princess, Second and third, brought 630 guineas. Fifty six cows averaged over £67, and ten bulls averaged £64.

Mr. Thomas Anderson, of Garrard, Ky., has a cow, four years old in September last, that has given birth to five calves!

David Anderson, of Gwinnett county, Ga., offers a premium of a silver pitcher worth $10 to the farmer producing the largest quantity of cotton per acre, ginned at his gin.

A Providence merchant, some days since purchased what he supposed to be a five pound ball of butter. On cutting it, it was found to be mashed potato, with a covering of butter.

[Only one of Hertz's tricks ED.F.]

REMOVING OLD PUTTY.—Those who have plant houses, frames, &c., know how difficult it is to remove old putty from sashes without injuring the sash. I have seen it stated in some journal, that it could be removed very easy by applying a hot iron to it. I tried the experiment a few days ago for the first time, and was quite surprised to find how easily the most indurate old putty could be cut out after being well warmed up by the application of a red hot iron. Try it.—Ex.

HEAVY JUDGMENT.—In the District Court yesterday, a Judgment was rendered in the suit of Jacob Eliat, vs. Julio Verdugo for fifty six thousand dollars and costs of suit. The judgment was for foreclosure of mortgage upon a note and mortgage given about six years ago for two thousand six hundred dollars, drawing three per cent per month compounded monthly.

The *Practical Farmer* gives a statement of the cost of a few fowls lately imported from England by D. W. Heratine, of Philadelpha. For four Buff Cochins, four silver Gray Dorkings, and four dark Brahma Pullets, all prize birds, 26 pounds and 12 shillings—or something like $160 in currency—were paid. To this was added cost of freight and insurance. The produce from similar fowls have been readily sold at $20 per pair.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

Miscellaneous.

TRUE'S

IMPROVE

POTATO PLANT

This is, undoubtedly, one o, the most ra... chines adapted to Agricultural purposes... duced.

It Saves the Labor ... Men in Planting T...

Makes its own furrow, cuts the potato in... slices as the farmer may prefer; drops them... the most perfect regularity, and covers them... and does all this as fast as a horse can wa... ground that can be plowed

No intelligent farmer can fail to see the... ment with which one man can, with the ... plant six acres of potatos in a day, is of ... value; because the days in which PLANTI... erly be done are very few, while he has ... and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANT... other machines. It affords its aid "in ... of time," and gives leisure to its owner ... to his other spring work, which would ... overwork him or be left undone.

The undersigned have the sale of this ... Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for ... ment, and a good Mechanic can make a fo...

Particulars and Catalogues can be had ...

WARREN & C...

320 Clay street, ...

INVESTMENT

MADE IN HOME INSTITUTIONS PRO... general prosperity of the State. It is ... interest of all who reside on this coast, in effe... on their lives, to give the preference to

THE CALIFORN...

MUTUAL L...

INSURANCE COMPA...

INCORPORATED NOVEMBER ...

Capital in U. S. Gold Coin, ...

Guarantee Fund, U. S. Gold Coin ...

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Which Company offers to residents of the ... greater advantages than are offered by any ... pany. Read the Prospectus of this Compa... plying elsewhere. Copies can be obtained ... the Company, No. 13 MERCHANTS EX...

W. R. WHEATON, General ...

Valuable Pat... FOR SALE

We invite the attention of energetic ... several very

VALUABLE INVENT...

for which we hold the

PATENT RIGHT ...

of this State and coast for the same.

They are each and all of a practical and ... ter, and are such as a handsome return ... capital can be made from. W...

EARLY GOODRICH PO...

Important to Market Gardeners ...

Agricultural Public.

The Undersigned, having growing ... above Potato for two seasons, have no hes... nouncing it far superior to any other ... coast, for an early Potato, and now offer ... is very early (from three to four weeks ... other) good size, white skin, smooth eyes, ... superior table quality, and very productive.

L. F. or F. SANDERSON, Sa...

Agents in San Francisco—GRIFFITH ... 225 Washington street, one door below Fr... SILVESTER, No. 317 Washington street.

BOUND VOLUMES FA...

Volumes of the "California Fa...

The last EIGHT YEARS, uniformly bound ... Farmer Office at $3 per Volume.

These Eight Volumes contain more useful ... the practical workings of Agriculture as adapt... nia Culture than any Book or Books Extant. ... prise hundreds of Experiments, Lectures and Es... Culture of Cotton, Rice, Coffee and Tobacco ... berries, and all other Fruits, with the Culture ... tor Beans, Flax, Hemp, &c. and the Whole ... of L. Prevost on Silk Culture, from early boy...

This set of Volumes would be a Library ... valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promp...

Horticulture.

GOOD PLACES FOR BOYS.

Dear Sir:—I would like very much to get a ace as clerk in New York. I am sixteen years d, and have always lived on a farm. I under- and arithmetic pretty well, and think I could ve good satisfaction in a store. If you can help o get a place, it will be doing me a great favor. Yours respectfully,

Many such letters are received here every year. Ve have not time to answer each one personally, nd as the matter is an important one to many oung readers, we give the following general an- wer. First, to follow the Yankee way of answer- ng one question by answering another, Why do ou wish to leave the farm and come to New York? he answer in most cases is "It's easier than orking on a farm." Perhaps so. It is easier in ne sense to be good for nothing than to be val- able to yourself and others; it takes much less work—simply do nothing, and be nobody, is the ule. But the question to be looked at is, Will it ay to have an easy time and get little in return? hose that succeed in the city must do it by hard ork. Many a rich merchant in New York per- orms more real labor in a day and is more ex- austed than the hardest worked laborer on a farm. He does not exert his muscles as much, but his rain, which is the seat of his power, is intensely ctive, and he wears out fast. Those who "take hings easy" in the city get the same small return s the loungers in the country; so nothing will e gained in that respect. "But," say, or rather hink, many boys, "they have such nice things in ew York; shows, museums, circuses, and some- hing going on all the time." Yes, there are thous- nds of ways for spending money for amusement here, all of which bring no profit, and what is orse, too many of them are surrounded with dan- er. Thousands of young are every year amused y the shows and ruined by their corrupt sur- oundings, for the drinking saloon and the gam- ling rooms are close by the principal places of musement, and every temptation to enter them is held out. But furthermore, there are thousands of boys and young men born here, accustomed to city life, who stand ready to fill all the desirable places. They usually have the best opportunities, having acquaintances and friends to help them, so that a boy from the country applies for a place under great disadvantages. A single advertise- ment for a boy by a friend of ours was recently answered by more than two hundred applicants. It is true that a few, perhaps one out of a hundred, who come to this city, succeed by long self-denial and hard work in gaining an independence, but it s not certain that even these are better off than hey would have been to have used the same en- ergy and worked their way up in the country. Work, patience, perseverance, honesty, brains, and energy, will win anywhere, and the farm where you have already made a beginning is equal to any other place for working out the problem of life.—*American Agriculturist.*

HORTICULTURAL RARITIES.

Senator Morgan presented a petition from a large number of horticulturists throughout the country, praying the enacting of a "Horticultural Protective Rights Bill." They desire the enactment of a law making it the duty of the Patent Office Department to grant letters patent on new horticultural rarities. Purchasers of said rarities to be allowed to propagate for their individual use only during the time of right granted, and that a gift of plants propagated from said rarity by any other excepting the originator be considerated a breach of law similar to that of a sale. This is a vital point, as it is a practice among gardeners employed by gentlemen to disseminate new rarities by gift. Protection would soon be the means of giving rarities that would succeed in every section of the country. Fruits much earlier, hardier, and more valuable would be perfected in abundance, and it would be possible by crossing and acclimation that many of the fruits of the tropics and of the old country could yet be grown in this country as far North as the lakes. The petitioners, therefore, pray Congress to take the matter under consideration and correct the present unequal and unjust system.

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Redivivia, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Lem*" or "Pileem-and-lise-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this rootcan be found and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of this Journal.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867 &

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. 423 *Jackson Street.*

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & Co. T. H. MORROW.

A. L. CHAMBERLIN.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants.

NEW YORK.

Our New York House, under the name of WILSON, MORROW & CHAMBERLIN, will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise co signed to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer* Office.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Miscellaneous.

Grapes, Raspberries, Strawberries, Blackberries, etc.

LEARN HOW TO RAISE

GRAPE VINES.

Learn How Grapes are Grown

IN THE EASTERN STATES.

LEARN HOW TO GROW

Small Fruits:

Raspberries,
Blackberries,
Strawberries,
Currants,
Gooseberries, etc.

Many *New Varieties* have, within a few years been brought out, which far surpasses the old varieties; such, among Raspberries, are the

Clark, which we place at the head of the list of tried varieties;

Davison's Thornless Black Cap, an entirely thornless black Raspberry, of very distinct habits of growth. Excellent fruit;

Prosser, a competitor for the position the Clark has taken. Stands dry Summers well;

Philadelphia, most productive

Doolittle Black Cap, extensively planted for field cultivation;

Cattawissa, good flavor, red; bears two crops annually. Have seen it with ripe berries and blossoms at the time of our first snows, about November 20.

AND MANY OTHER VARIETIES.

Among *Strawberries*, the *New Varieties* are

Charles Downing,
Dr. Nicaise.
Nicanor,
Durand, etc.

All these varieties are described in the New Edition of our

"Manual of Grape and Small Fruit Culture."

This a neat little Pamphlet, containing full instruction how cultivate all these different varieties of Small Fruits It contains full descriptions of the New Blackberries,

WILSON'S EARLY and KITTATINNY,

together with a new White or Cream-colored variety, which will be brought out this fall. Also,

HOW TO GROW BLACKBERRY PLANTS.

Last Fall we disposed of over 250,000 Blackberry Root Cuttings. We have heard of but few instances where they did not grow. We sent thousands of them to customers, by mail, as an experiment, to prove they could be sent safely as as California. We sent a package to Colonel Warren of the "California Farmer"

Our Pamphlet, containing Price List of our stock of Plants and Cuttings, can be obtained by calling at the office of the California Farmer, or by addressing Col. Warren, Editor California Farmer, San Francisco, Cal.

We have 50 acres devoted to the culture of Small Fruits not all cultivated yet; 20 acres in Strawberries; 14 acres in Raspberries; 7 acres in Blackberries; 2 acres in Grapes.

WARREN & CO., *California Farmer Office*, are appointed Special Agents for our Nursery Stock, where orders can be left to secure them to customers this season. Orders should be sent at once.

J. H. FOSTER,

39-7 Kirkwood P. O., Camden County, New Jersey

The Cheapest and Best

Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following serits of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle. 2 vo's, containing Torches, Waltzes Polkas, Schottisches' Redowas, Quadrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Pianist's Album.** 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc's.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers, 277 Washington St., Boston.

C. H. DITSON & Co., 711 Broadway, New York.

31-1

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867, TO THE

Natoma Vineyard:

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28 2.

C. GROEZINGER.

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets, SAN FRANCISCO

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is good grower and very prolific Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 160 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,

432 Montgomery Street,

31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom itis sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the ollowing Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,

30 8 Mt Hope Nurseri Rochester, N. Y

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*

Can obtain SUPERIOR SEED at the

FARMER OFFICE.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... , . 15 00

For every club of Twenty, and $100, Agricultural Books valued at . . . 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL, WARREN, Editor.

or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....FEBRUARY, 25 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING.

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers, can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
Farmer Office.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 20 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Preserve Your Sight!

BRAZILIAN PEBBLES.
SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No 205 Montgomery street, San Francisco.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

RAMBLES IN THE COUNTRY.

SANTA CLARA.

Some little time since we made our first trip in the "Horse Cars" from San Jose to Santa Clara. This is indeed a very fine place for a car ride, the long Avenue of Shade Trees extending almost this entire route, The "Almaden Road" as it is so well known, will make this trip very pleasant in the hot days of Summer, and although the recent heavy rains did suspend the travel for a few days it will make it so much more pleasant when resumed—as the citizens have begun to realize the value of this convenient mode of travel.

Santa Clara City is one of the Beautiful Spots in this great and prosperous Valley. There is a quiet beauty about it that speaks of "Rest;" 'tis true that it does not wear the look of the hurry and bustle which is found in San Jose, for the business is not as large nor as extensive, but there is a quiet, yet *certain prosperity* stamped on all the interests of the place.

The Business portion of the City has been much improved within two years past, many New and Substantial Buildings have been erected. Manufactures have increased; Mechanic art has increased; Mechanics are fully employed; Farms are better improved; Orchards, Vineyards, and Gardens have been put under a higher state of Cultivation, while many New and Beautiful *Mansions* and *neat Cottage Houses* have sprung up like magic, all giving plain evidence of an increased prosperity.

Among the places we visited was the NEW MACHINE SHOP of E. H. Davies, Esq, a large and spacious new building erected expressly by him as a *Complete Machine Shop*, where every branch of business connected with an Establishment of this kind could be carried on with the most improved machinery and the best workmen in the very best manner.

The Building is 66 feet long, by 40 feet wide, and 3 stories high, built thoroughly, and with strict reference to mechanical convenience for the various kinds of labor to be carried on.

The machinery is all *entirely new* and of the very latest and most approved kinds—many of the machines being the first of the kind introduced into this State.

A very fine 10 horse power Engine, made by "Mess. Grifford & Houghton, Fall River, Mass." carries all the works. The machinery was all from the "Putnam Machine Works, Fitchburg, Mass.," esteemed we believe, as one of the most complete establishments in the United States. The beautiful machinery here at work is certainly strong proof of their excellent workmanship.

The object of Mr. Davies in establishing so extensive works at Santa Clara was to give an opportunity to all who wish good work done to know they need not go far to obtain it.

The Establishment of Mr. Davies is prepared to do all kinds of work, such as Planing, Sawing, and Turning all kinds of Wood Work. Turning and Finishing Brass and Copper Work, Building and Repairing Carriages, Farm Implements, and all kinds of work usually done in a COMPLETE MACHINE SHOP.

Mr. Davies has expended a liberal sum of money to build up the concern and it is now the duty of the citizens to encourage him and *build him up*, and make his work prosperous which he truly deserves.

We also visited the several "Flouring Mills" to see the various samples of "Wheat," for which the Valley of Santa Clara is so famous, as her wheat usually command 2½ to 5 cents per 100 lbs. more than grains elsewhere grown, and we attribute this to the attention paid in *sowing clean seed*, and properly cleaning the wheat after it is harvested, much to the credit of the wheat growers of the Santa Clara region.

The Santa Clara Mills is carried on by Mess. Robinson & Co. The mill has 3 run of stone for *Flour*, and one for *Feed*, and turns out 120 barrels of Flour per day of the very best quality. The Santa Clara Mills Flour is sold in this city by Mess. C. Clayton & Co. This Flouring Mill was among the earliest established in our State.

The Farmers' Mills of Santa Clara, carried on by Mess. Morgan & Whittle has 3 run of stone, 2 for Flour, and 1 for feed—often however, running all three for Flour, and turns out usually 60 barrels of Superior Flour daily.

In addition to these places of Industry, there are many others, where Carriages, Waggons, Plows and Farming Implements are made and repaired, all giving employment to those who love labor and are willing to work.

"Cameron's Hotel" has been enlarged and improved within a few years, and is now the only large and genteel Hotel of Santa Clara; and there Mr. Cameron as "Mine Host" is found, ever ready to receive and wait upon his guests in his usual courteous and attentive manner.

SANTA CLARA COLLEGE.

We cannot omit to speak of this Grand Institution while speaking of Santa Clara, for it is one of, if not the very greatest feature in the Valley of Santa Clara.

The spacious grounds of this college and the large and elegant building, that now covers a portion of the ground, loom up to view as *the* feature of the place as you approach Santa Clara on all sides. The lofty Dome upon the New Building looms up like the Dome of some great "Cathedral" that forms the principal piece in a Picture; and justly so do these fine College Buildings give the principal and most striking feature to the Panorama of the Santa Clara Valley. No visitor to the Valley should go away from the place without a visit to this Noble Institution of learning, where all who take an interest in Education and the well being of society, will always find a ready welcome and be shown over these spacious buildings, complete in everything as an Educational Institution, and under the able and excellent Rev. Father Varsi who is President, and a large number of Fathers as teachers who are doing a great work.

We have more to say of this College soon, and more of Santa Clara, and also San Jose, but we must defer till our next letter.

LOOK TO YOUR GARDENS.

Now is the time to put the Gardens in order for the coming summer, now is the the time to *trench deep* if you would preserve the soil from the *droughts* of *summer*.

Dig deep, and the moisture will keep.
And the plants will grow while you are asleep.

Few persons are aware of the great importance of *deep cultivation* here in this dry and sunny land, deep culture and thorough work in the garden is the only kind of work that will pay.

Deep culture, the deeper and more thorough the earth is broken up and pulverised the bettr it will be for the plants that are sending out there delicate roots in search of food, and the longer this kind of earth will retain its moisture

It is a very great mistake to suppose that *cultivation* in dry weather, dries up the earth, it is directly the reverse, provided it is *deeply* and *thoroughly done* and this work upon a good rich soil; dry, loose sandy soil needs no such culture no will it do to *merely scratch* the *surface soil* while leaving the lower soil a hard pan, for this kind of work is sure to dry it all up, but deep and repeated cultivation in the dry season is sure to keep the soil in good condition and all greatly to all that grows in the soil.

Let any person try this plan correctly and they will soon be convinced of its excellence.

UNSUCCESSFUL FRUIT GROWERS.

Knowledge of fruit.—It is greatly to be regretted that more attention is not given to the study of the variety and the quality of various fruits by those who purchase and plant the same. Many here who plant scarcely know a Nectarine from an Apricot or a Plum from a Peach and as to the *different varieties* of the same fruits there they are completely in the dark, they say all they know is they bought it for a Peach or Plum, but of their own knowledge they can say but little.

Now it is Important that those who grow fruit should know the varieties and the adaptation of that kind of fruit to their soil, if they aim at success one kind may do well, another not produce at all, and then too one may be early, another late, and this they should know in order that they may be properly suited to their *location* as well as soil, as the different kind of fruits are all affected materially by these circumstances of soil and climate, and unless the growers will study these things he never can be a very successful grower.

A few days since when asking a person if he grew strawberies he answered he did, when we inquired the variety, he said that he could not Say, all he knew was they called it a strawberry, such things ought not to be.

PRUNE, RASP BERRIES BLACKBERRIES &c.

This kind of fruit bearing vines needs as careful care and as correct pruning as Fruit Trees, so that they may yield larger and better perfected fruit both in size and *quality*.

This class of fruit bearers will if neglected decrease in the quantity and quality of its fruit rapidly if the soil is left without a judicious cultivation the mass of their roots will mat together seriously injuring the crop, and if the *branches* are left to grow without pruning, the fruit will also decrease in size and quality.

Rasberries and Blackberries acquire to have their stalks cut back to strong and stout wood so as to compel them to throw out lateral branches upon which grow the finest fruit, where there are lateral branches on the stalks even then if they are small and without strength it is better to cut them off to within six inches of the stalk and all strong branches should be shortened so that the fruit may be larger and better, there is no class of fruit bearing vines that will show improvement quicker than the kind of fruit we now speak of, and no fruits more refreshing in their season, every little garden spot in our city should have them.

OUR NATIVE TREES AND FLOWERS.

However desirable it always is to procure all that is Beautiful and Rare from other lands and make them our own by acclimating them with us, we do know we have many very beautiful Trees, Shrubs and Flowers that are surpassingly beautiful and really rare and valuable, so much so that the Nursery men and Florists of Europe and other States of our Union are sending to us for them, that can truly appreciate them, yet how few of our own people, even they who have showy gardens ever think of procuring these Gems of our own State.

We hope a better feeling may exist and we trust those who "Love the Beautiful," now that "Spring time," is near, will take there Baskets on their arms, and with there garden trowel go out among the hills and ravines and on our flower crowned plains and gather some of these "Gems," and transplant them into the "Home Paterre."

PLANT SMALL FRUITS.

We would urge greater attention at the present time to the planting of small fruits, such as *Strawberries*, *Raspberries*, and *Blackberries*, with *Gooseberries*, and *Currrants*.

Never have we had so good a season to commence the cultivation of such fruit as the present. Last year the demand for them was large, and they sold readily, and at good prices, and beyond all question the demand will be greatly increased this year.

When the Railroad shall carry off all our *large fruit*, pears, apples, and grapes, to New York; Boston, and Philadelphia, *small fruits* will bring a big price in our markets and they will pay well so plant, and plant largely.

—"Ma, if you will give me an apple, I will be good." "No, my child, you must not be good for pay—you must be good for nothing."

—One has only to die to be praised.

CULTIVATE THE FIG.

There is no Fruit more easily grown, none of so rapid growth, and none that comes to so early fruiting as the Fig, and certainly none that is richer or more delicious, and none that will pay better in our market for a careful culture.

We have often called the attention of our own orchardists to this Fruit as one that will pay well for a judicious care and attention to its culture.

The "Fig" in its *fresh state*, requires time to become a favorite with many, like the "Tomato" it is not liked at first, but when its qualities are appreciated, it will always become *the* favorite, for it is one of the most *healthy* and nutritious as it is one of the most delicious of all fruits.

The fruit of the Fig tree was in large demand the last year and there was only a limited supply and then at full prices and generally of the common "Black Fig" of California.

The best varieties to grow are the Brown Turkey, a very large Fig, the White and Brown Ischia and several other of the Mediteranean varieties, each and all of them very prolific in their bearing, and always very profitable to raise.

There should be more attention to the cultivation of the Fig in every section of our State as the demand for this fruit will increase every year.

WHITE PINE FEVER.

Fever increases. Pulse counts up to nearly 90°—April, 100°—Blood heat, and in May and June, to Fever heat. Afterwards when the Fever changes we shall see many a poor pale face that will appear just like those who have long been confined in a "dark chamber" for the memories of White Pine, will come home to them like "Gold Run," "Gold Lake," Frazer River," and many other gold excitements since the days of '49.

We have no doubt but what there are rich spots there; *very rich*, but it is only to a few—a very few that will ever secure nicnes from "White Pine" by *mining* we mean. There are opportunities no doubt where men can make "piles" by going. They can work earnestly as mechanics, and make money legitimately at their trades. Others can open Boarding and Lodging Houses, and make money and properly, too, and some will go to open drinking places, and gambling saloons and houses of ill repute, and money will be—ill-gotten. But, we venture to say that not *one person in the hundred that go to White Pine* the present year will *better their condition*. Our counsel is, to those who are doing well now, "let well enough alone."

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell, is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

THE WOOL MARKET.

The first lot of New Wool the "Spring Clip" has come to market from the "Catalina Islands"—there is however no *price* yet fixed to grade the market; therefore in view of the New York market which indicates a rising scale, we presume the wool growers will adopt the "Hold On" policy—this for a brief time may be wise, as a little time only, and the price must be established as this market is bare, and the Factories must have a supply. A little time and it will be fixed.

TO ORCHARDISTS.

A grand chance will be offered to an orchardist who desires to engage in RAISING FRUIT on a large scale for Exportation over the Rail Road east. A large and valuable Orchard, covering over *forty acres* with the best kind of fruit bearing trees, where an income of over TEN THOUSAND DOLLARS per year can be relied upon, is now offered for sale by reason of the present owner changing his business.

A very fine and large Mansion House of modern style nearly new, and very handsomely furnished, with large Barn, and Stables, Carriage house, and Sheds, Fruit house and all other buildings needed, together with suitable Teams and Tools to carry on the place.

The mansion is surrounded by splendid Shade and Ornamental trees and fine finished avenues leading from the public road to the residence.—This estate is one of the most desirable that has been offered for sale for years, and for a gentleman who desires a place ready to hand, has no superior in our State.

None need apply without ample means, as there is room for a large and permanent profit.

Apply to the *Editor of the Farmer.*

VELOCIPEDESTRIANS. This New Invention has created quite a furor in our City. The "Mechanic's Pavilion," and "Platt's Hall," are both engaged daily by large crowds of people enjoying this "rapid sweeping along." Reports from New Orleans tells us this *fashionable* sport is on the wane there, it having become a *nuisance*, and they are forbidden on the sidewalks by law.

—Little and often, make a heap in time.

Editor's Chair,

[Here we shall hold our special weekly chat with Readers and Correspondents, and here we shall call their attention to such articles in each issue of Journal to which we would direct their special attention.]

We invite Farmers to read the article on "Farming Machinery" which we take from the Engineering Magazine. It shows our progress in this country; we are progressing, but the end is not yet.

We ask our country readers to peruse the article in our "Home Department," the "Hour of Interest," and we think that some of the "Children grounds" around many a country Home will be pictured there. Our hope is that many parents will go and *imitate Charlie*, reform and improve the Homestead.

MOTHER IS CHILDISH.—Let every cold hearted thoughtless and ungrateful child read this little sketch and awake to duty; the lips that chide a Parent are a sure indices of a *bad heart*.

GOOD PLACE FOR BOYS.—We think the Rural Agriculturalist is right, and any one who goes around our city and sees the *hundreds* and thousands of young lads, and young men who are fast going in the road to ruin will see what a city can do to boys. Send them to a farm—it is their salvation.

ERRATA.—The Sugar Beet interest is not properly considered. In our issue of Feb. we published some very important data. We desire however to correct a misprint; the time to *plant in April*—it should have been *February*, as may be seen, in the paragraph, which was in connection below.

We hope to hear from all who are interested in this *Important industry*.

Acknowledgements.

Articles Received at the California Farmer Editor's Rooms, No. 320 Clay Street.

MAGAZINES RECEIVED.—We have a copy of Van Nostrand's Ecclectic Engineering Magazine, the number received by us being No. 1 of Vol. 1, indicates "Something New."

The Magazine is of the size and style of the Ecclectics and Quarterlies, well got up, contains much that is valuable, we can fully appreciate such a work and we copy this week from its pages the article on Farming Machinery.

This Ecclectic is a selection from British and Foreign Engineering, generally a kind of digest of all. It is conducted by A. L. Holley, Civil Engineer of the Bessemer Iron Works, published by D. Van Nostrand, 192 Broadway, N. Y. A valuable publication and worthy a liberal patronage.

PETERS' PARLOR COMPANION, a musical Magazine to be issued every month, 198 Broadway, N. Y, containing the compositions and publications of this Music Publisher, which are large and various—each number is 16 pages of Music, all new and valuable. A very interesting publication.

THE FARM JOURNAL.—This new Publication also headed "Dietz's Experimental," and devoted to the interests of the American Farmer. The new Magazine has been established by Peter Dietz, Esq., the well known dealer in GRAIN—especially WHEAT at Chambersburg, Pa. The "Farm Journal" has been got up in good style and we wish it success.

RHODE ISLAND SOCIETY OF INDUSTRY.—We are again indebted (to the Corresponding Secretary we suppose of this excellent Industrial Association) for these Volumes of Transactions for the year 1867, now just issued.

This report is a valuable record of the doings of the Society, embraced in this Volume of 400 pages and containing a vast amount of information of the progress of that State. We return thanks for the volume.

The volume has been sent out in very handsome style from the printing office of Messrs. Sidney Angell & Co., of Providence reflecting credit on them.

We have the Quarterly size (new series) of the Monthly Reports of the Boston Medical and Surgical Journal. This is one of the best and most interesting Medical publications of the day, containing as it does, Reports of cases under the treatment in Hospitals, Medical Societies, cures, etc., such as can be found in no other now published. It is an invaluable publication to all Medical men. Published monthly by Dr. Clapp & Son, Boston, Mass. $4 per year.

NATURAL SCIENCES.—We have the receipt of numbers of the "Proceedings of the Academy of Natural Sciences of Philadelphia," a most valuable publication. This Society is doing a world of good by their efforts to develope and bring into practical utility the things hidden from the mind of ordinary travellers in the "Journey of Life" and calling attention to much that is valuable and of interest to humanity.

We acknowledge the receipt of the Report of the New York Poultry Society, from the hand of David E. Gavitt, Esq. the Corresponding Secretary.

This Circular announces also, the plan of the New York State Poultry Society, the object of the gathering in the Domestic fowls will produce a desire of men, to go into the Country to raise these handsome animals. The poultry show alluded to will take place March 23'd at Niblo's in City, at the skating Rink on 3d Avenue between 63 and 64 street

We have received No. 1 of Vol. 1 of the Western Horticulturist, a Monthly, and a very valuable acceptable volume, Containing many valuable Essays on important subjects.

THE INCOMING ADMINISTRATION.

General Grant, it is announced as definitly decided, will not appear at any inauguration ball or reception. This simple fact is probably a very significant indication of the future policy of the incoming Administration—a straw which shows which way a very great wind will blow. Are we nearing the rigid simplicity of severe republicanism? Is the new *régime* to make good in practice the theory of our democratic system?

The immediate results of this expression of the Presidential intention are not few nor unimportant. Retrenchment will be the order and fashion of the day. Display and extravagance will not be a passport to promotion or the favor of the Administration. Public office will not be looked to as the reward of social folly, and the poor Governmental clerks relieved from tax of ball, or reception attendance, will find in that exemption at once an equivalent to the twenty per cent. increase of salary so persistently and piteously called for. Office seekers, and those that hope to bask in the sunshine of the departments, will probably find it to their advantage to ponder on the Presidential position in this matter, and direct their walk and conversation in accordance therewith.—*Forney Press.*

THE PEABODY GOLD MEDAL.

The President sent to Congress last week the correspondence between Secretary Seward and George Peabody, relative to the gold medal presented to him by order of Congress, in consideration of his munificent donation for the promotion of education in the Southern States.

Mr. Peabody says:

Cherishing as I do the sincerest affection for my country, it is not possible for me to feel more grateful than I do for this precious memorial of its regard, coming as it does from thirty millions of American citizens, through their representatives in Congress, with the full accord and co-operation of the President.

This medal, with the rich illustrated transcript of the Congressional resolutions, I shall shortly deposit in the Peabody institution at the place of my birth, in apartments specially constructed for their safe keeping, along with the public testimonials with which I have been honored. There, I trust, it will remain for generations to attest the generous munificence of the American people in recognizing the efforts, however inadequate, of one of the humblest of their fellow countrymen to promote the enlightenment and perpetuity of his native land.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest varieties of Grapes, either in

STRONG ROOTED VINES OR Good Healthy Cuttings,

Can secure the very choicest. Many varieties from rooted vines, that will show fruit the present year.

THE RAISIN GRAPE.

Strong jointed vines of this very desirable grape, can be had with all others at

FARMER OFFICE.

Waltham Watches

The "P. S. Bartlet" movement, with extra jewels, Chronometer balance, Patent Dust Cap, Patent Safety Pinion, and all other late improvements, in a solid 3 oz. Coin Silver Hunting case, with Gold Joints, $27 coin.
The same in 4 oz. case, $30. In 5 oz. case, $33 coin.

The "Waltham Watch Co." movement with extra Jewels, Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, &c, in 3 oz. case, with Gold Joints, $30 coin.
The same in 4 oz. case, $33. In 5 oz. $36 coin.

The "Appleton, Tracy, & Co," movement, with extra Jewels Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, in 3 oz case, Gold Joints, $34 coin.
The same in 4 oz case, $37. In 5 oz $40.

"P. S. Bartlet. Watch in two and a half ounce. 18 karat Gold Hunting Case, $60 coin.
"Waltham Watch Co" Watch, in two and a half ounce, 18 karat Gold Hunting case, $64 coin.
"Appleton Tracy & Co," Watch, in two and a half oz. 18 karat Gold Hunting Case, $67 coin
Any additional weight at $1 per pwt., or $20 per ounce extra.

We will send any of the above by Wells, Fargo & Co's with bill to collect on delivery, and give the purchaser the privilege to examine the watch before paying. All Express charges, however, to be paid by the purchaser. But if the amount of the price of the Watch is remitted to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money, drafts on Wells Fargo & Co. are preferred.

We wish it distinctly understood that these watches are the very best, and with all the latest improvements and that they are in perfect running order, (a guarantee from the manufacturer accompanies each watch) and if any one does not perform well, we will exchange it, or refund the money.

Please state that you saw this in the California Farmer.

HOWARD & CO.
Jewelers and Silversmiths,
619 Broadway, N. Y.

In order that all may address us with confidence, we refer, by permission, to Messrs. WELLS, FARGO & Co, or to any of their agents on the Pacific Coast.
31-4

WALTHAM WATCHES.

The extensive use of these watches for the last fifteen years by Railway Conductors Engineers, and Expressmen, the most exacting of watch wearers, has thoroughly demonstrated the

STRENGTH, STEADINESS, DURABILITY: AND ACCURACY

of the Waltham Watch. To satisfy this class in all these respects, is to decide the question as to the real value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a guarrantee of their superiority over all others

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works at Waltham enable them to produce watches at a price which renders competition futile, and those who buy any other watch, merely pay from 25 to 50 per cent. more for their watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in greenbacks, than the gold prices before the war. There is no other manufacture of any kind in the United States of which this can be said.

THESE TIME PIECES

combine every improvement that a long experience has proved of real practical use. Having had the refusal of nearly every invention in watchmaking originating in this country, or in Europe, only those were finally adopted with severe testing by the most skillful artisans in our works, and long use on the part of the public, demonstrated to be essential to correct and enduring timekeeping.

Among the many improvements we would particularize:

The invention and use of a

CENTRE PINION,

of peculiar construction, to prevent damage to the train by the breakage of main springs, is original with the American Watch Company, who having had the refusal of all other contrivances, adopted Fogg's Patent Pinion as being the best and faultless.

Hardened and Tempered Hair-Springs,

now universally admitted by Watchmakers to be the best, are used in all grades of Waltham watches.

ALL WALTHAM WATCHES

have dust proof caps protecting the movement from dust and lessening the necessity of frequent cleaning, necessary in other watches.

OUR NEW PATENT STEM WINDER

or keyless watch, is already a decided success, and a great improvement on any stem-winding watch in the American Market, and by far the cheapest watch of its quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the United States where watchmakers do not abound, watches with the above mentioned improvements which tend to insure accuracy cleanliness, durability and convenience, must prove invaluable.

Every watch bearing the trade-mark of Waltham is guaranteed to be a thoroughly reliable time-keeper,

To prevent imposition, buyers should invariably demand a certificate of genuineness.

The trade supplied by Messrs. R. B. Gray & Co., San Francisco, Cal., and generally for sale at retail by all respectable dealers.

For other facts and information, address
ROBBINS & APPLETON, Gen'l Agents.
31-4 128 Broadway, New York.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

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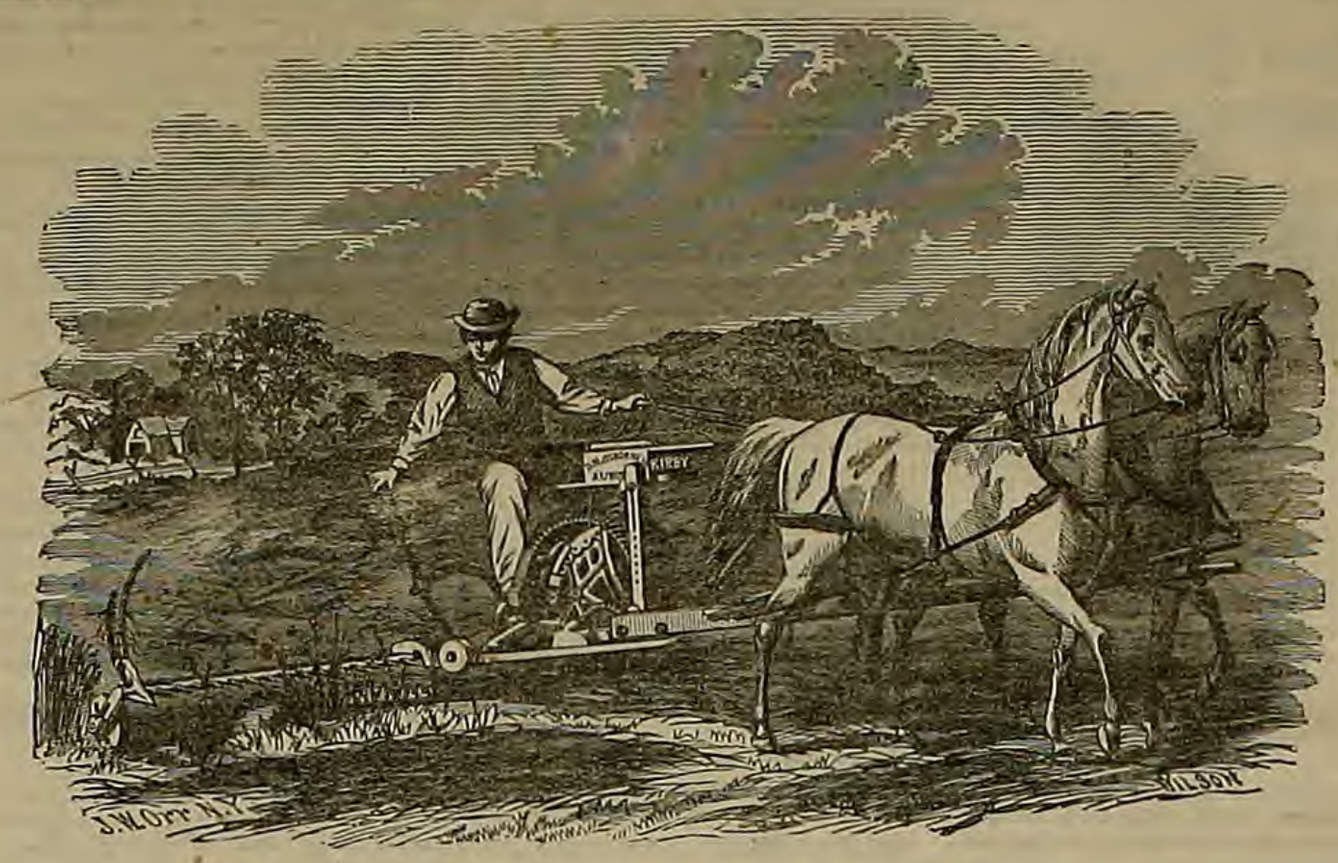

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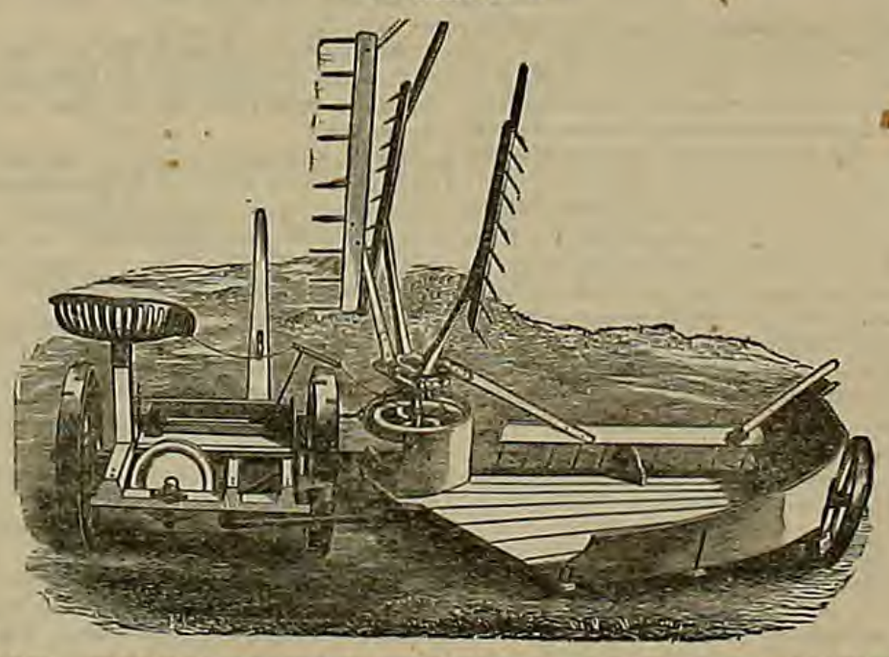

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HOURS AT INTEREST.

A LIFE SKETCH.

BY SYLVANUS COBB, JR.

"There, Eliza, just taste of what that Julia Lombard sent to you."

And thus speaking, Charles Morrill placed upon the table, something covered with a white napkin.

His wife raised the dainty cloth and beheld a small Chinese basket nearly filled with grapes, with half dozen magnificent Bartlett peare set around the edge. It was truly a tempting sight, and Eliza Morrill was not slow to prove the quality of the fruit.

"Aren't they splendid!" cried Charles, as he noticed how his wife smacked her lips.

"I never tasted more luscious grapes in my life."

"But just try one of the pears, Eliza."

"Wait until this evening, Charles, and then we'll take the comfort of them."

The fruit was put away, and after tea Charles Morrill did a few chores around the house, and then went out to one of the stores and spent an hour or so. Later in the evening he came in and found his wife eating a pear, which she pronounced even more delicious than the grapes.

"Charles," said the wife, after she had eaten the pear and resumed her work, "how is it that Thomas Lombard continues to have so much fine fruit.'

"O, he's got a knack that way.,,

"But he doesn't own any more land than you do. All the place he has for raising his fruit is the small garden attached to his house."

"Yes, but he knows how to do it, and he must have better land than mine too."

"What makes you think so."

"Why, see how many things grow in his garden."

"But you never tried to make them grow in yours. And besides, Charles, I believe that so far as his knowing how to do it is concerned, you could very easily learn all that he knows. Oh, how I wish that we could have such fruit growing!"

"I should like it, Eliza, as well as you would; but I don't see how it can be done. I haven't the time to take care of such things."

"But, Charles," suggested the wife, very mildly, "you have as much time as Thomas Lombard has. Now don't go looking cross, Charley, for certainly I do not mean to find fault. But, if we could only have a few fruit trees and grape vines growing around our house. You are as good as Tom Lombard, and I love you dearly; and for that very reason——"

"Come, come, teazer, none of that, If I could find a grape vine that could be transported directly to my garden in a bearing condition, and one that would take care of itself, I think I would buy it."

"Look at that, Charles," replied Eliza, pointing to the cradle, "Don't you think we shall love our child all the better from our having reared and nursed him during the helpless hours of infancy."

"Egad, Eliza, you ought to be a professor of moral philosophy in one of our schools."

"I would much rather that you should obtain a professorship in an agricultural college, retorted the wife with a light laugh; and having seen her husband smile, she let the fruit subject drop.

On the following morning, however, as she handed the empty Chinese basket and the napkin to Charles she could not help remarking.

I" wish I had something to send back."

"Pshaw!" replied Charles, who caught the meaning of his wife's regretful tone; "what's the use of feeling so. Julia Lombard wouldn't feel half the satisfaction in sending such little tokens of friendship if she thought you would consider yourself under obligation to make return."

"I'll buy something."

"You know what I mean. I mean something of our own raising."

"Then send of your pumpkin pies."

And with this piece of jocularity, Charles Morrill went away to his work.

Now, there could not be two men situated more alike in regard to temporal matters than were Charles Morrill and Thomas Lombard, both were young—not far from thirty; had both been married the same time; were both mechanics, receiving like wages; and their cottages were like as two peas in a pod. But when we come to their gardens the similarity ends, save where Eliza cultivated flowers, and where a few cucumber vines and early potatoes were grown, the ground of Charles Morrill was very smooth and grassy—kept neat and clean by the tidy wife, but yielding no profit.

The garden of Thomas Lombard was a very different thing, and on a few square yards of land he contrived to raise more than some men would gain from an acre. He had grapevines of various kinds, and all thrifty and hardy; he had dwarf pears and dwarf apples; he had plum and cherry trees; he had a strawberry bed; and he had many other things which yielded much comfort,

Charles Morrill looked over the premises as he entered his friend's yard with the basket, and he could not help wishing that he had just such things growing around his house, but what was the use? How could he ever have time and patience to get so much stuff growing?

On the next Saturday, as was the custom of the journeymen mechanics of the town, Charles took the afternoon for recreation; and he concluded that he could not do better than take his gun and go into the woods after partridges. The autumn leaves were falling, and the season for partridges was good. And then he fancied that Eliza would like a nice fat partridge for the Sunday's dinner. So he took his fowling piece, and his powder flask, and his shot pouch, and having tucked the bottoms of his trousers inside the tops of his boots, started off.

Tramp tramp, tramp! Hark! a partridge!—Creep, creep, creep. Ha! he's off! Once more—tramp, tramp-tramp, tramp, tramp. Eh?—what's that?——sh! Easy! Soft now!—I'll have this one!——. Blast the luck! Why, I never saw the thundering things so shy and wild!

Towards evening Charles wended his way homeward, and as he passed Lombard's place he saw Thomas at work in the yard.

"Ah! what luck, Charley?"

'Oh, plague take the luck! You can't get within forty rods of a partridge! I never saw 'em so wild. But what are you doing?—pruning your vines?"

"Yes.—This is the last one."

"D'ye always prune them in the fall?"

"I think that is the best time in our climate."

"And do you have to cover them up every winter?"

"Yes. If we don't protect them in some way, the extreme cold of our winters is very apt to kill the tender wood of the vine; and that is the very wood that throws out the fruit-bearing shoots another season. I just lay mine down, and throw a little loose straw over them."

"And how is it with other fruit?"

"Well, some I have to protect against the bitter frosts of our winter."

"That's the trouble of raising fruit in this country," said Charles.

"Why, surely, Charley, I dont see any great trouble. It's rather a pleasure than otherwise."

"But look at the work."

"O, I grant there is some work in the matter; but then work is a part of our life, you know.—Different men have different tastes. Now, just see what I have accomplished this afternoon, in the way of providing for a glorious crop of fruit next Summer, and I certainly havn't worked any harder than you have. While I have been pruning my vines and clearing up ready for laying them down, you have been tramping through the woods, with a gun on your shoulder, with powder and shot strapped to your body, and all for what? What have you got for it, Charley?"

"I've had the fun," replied Morrill, with an effort.

"Exactly, and so have I had the fun," said Lombard, smiling. "It is just as we accustom ourselves, I have no doubt that you have really had sport this afternoon, and you may be assured that I have taken real pleasure and comfort in my work. But, Charley, which of us two do you imagine feels better satisfied with the result of his afternoon's labors?"

"Tom," he said, after quite a pause, "of course you have the best plan of the work, and I wish I had the same faculty."

"You have the faculty, Charley, if you'll only use it."

"But I dont see how you do it. A fellow has so little time out of the shop. The Lord knows I should like things just as you have them, but it's too late now."

"No' no, Charley—not a bit of it. All you've got to do is to lay down a rule for your guidance, and go at it. Our wealthy men have not become rich all at once. Their commencement was dollar by dollar. Shall I tell you the simple rule that I have laid down?"

"Yes, Tom, I'd like to hear it."

"Well, after I'd been married awhile, and got my little home paid for, I thought how best I could beautify and adorn it, and thus render it pleasant and attractive. I had not much money to devote for investment in these things, so I thought that I would put out my spare hours out at interest."

"Hours at interest?" repeated Morrill, "that's a queer idea."

"Yes," continued Tom, but I think it's quite a sensible one. Just think how many spare hours we have, first and last, through the year. I thot of this, and I then planned that I would so invest those hours that they should yield to me the greatest possible amount of interest—not sordid and selfish interest of pleasure but comfort such as my wife, and children, and friends could enjoy with me. Of course I did not mean to be always at work and digging, but to employ my leisure hours sensibly. You see the result around us—You spend an hour at tenpins, and I spend it in my garden. You enjoy your recreation and I enjoy mine. You spend half a day fishing or hunting, and I spend half a day taking care of my grape vines. Your sport is healthy and so is mine; and so we invest our hours, or place them at interest. You can see what income of comfort and satisfaction mine yield to me. How is it with yours?"

"Upon my soul, Tom, I never looked at it in that light before," replied Charles, with considerable animation. "By gracious! that is well worth trying. If I only knew how to take care of them."

"I'll show you all that, Charley, and I'll do more. I have some fine vines started, and you may have as many as you can set out."

"By the Big Bear!" cried Morrill, "I'll take you at your offer. But when should the vines be set out?"

"You had better set them out this Fall."

"I'll do it. You won't forget to save them for me?"

"I am not apt to forget."

Charles Morrill went home and hung up his gun, and put away his powder and shot, and by the time he had washed his hands and pulled his trowsers down over his boots, supper was ready. His wife laughed at him on account of his empty game bag, but she did not fret.

Another Saturday came, and Eliza was not a little surprised upon seeing her husband, with spade and pick, preparing two large excavations in the yard, which he was partly filling up with old bones and ashes, and stuff from beneath the sinkspout.

"In mercy's name, Charles, what are you doing?" asked his wife.

"I'm going to put five or six hours out at interest this afternoon, was the reply.

"Hours at interest! What do you mean?"

Why, I am going to set out a couple of grape vines; and if I get time I'll put down a few dwarf pears; and when they begin to bear I shall begin to get my dividend. D'you understand?"

At first Eliza Morrill could hardly believe it; but as soon as she was convinced that Charles was really making preparations for setting out grape vines, she hurried away and finished up her work in the house, and then came out to help him; and so they worked together all the afternoon; and when evening came, Charles felt that he had already been repaid for his labor.

"I declare," he cried, "it has been real recreation."

"It's been real fun," echoed Eliza.

But the work did not stop there. As soon as Charles got into the new way, he found it very pleasant and agreeable. Winter came, and while the snow was upon the ground he found no difficulty in making good investment of his hours and when Spring came, and nature began once more to smile in answer to the sunshine and the rain, he turned his attention to his garden, and many a pleasant and profitable hour he spent there. The hour, or two hours, which had aforetime been almost daily spent in lounging about the stores, were now spent about his home, and he made it a recreation too.

Of course there could be very little return the first year; but as time passed on, Charles Morrill kept the investment good, and by and by the interest began to come in, and the dividends were large. Eliza no longer sighed in vain for her own vine and fig tree. They had fruit in abundance and to spare, and not least among the items of their gain, was their ability to bestow their good things upon their friends. Surely, Charles had made a good investment.

Young reader, when you lay down this paper, do not let the thought pass unheeded from you. There is such a thing as putting hours at interest; and he is wise who so invests his leisure hours that the return, in the time to come, shall be comfort and satisfaction.

MOTHER IS CHILDISH.

"She is childish!,' How thoughtless, how disrespectful, how ignorant and sinful an expression;—What! that mother, whose form is bowed, whose eyes are dimmed in watching over you, whose interest in you has never abated, though another calls you his. Her judgement, believe me, young friend, is deeper more matured than yours; but because you differ, how easy it is to say, Mother is childish! Shame on you! I know it is believed by the giddy young, that old folks get childish. The author who said, young folks think old folks are fools; but old folks know that young folks are, Spoke Truth undying. Says one, At forty, man suspects himself a fool—knows it at fifty. I know that there are many young who are talented; but they do not get wiser in age. The youthful talents of Webster and Clay; Says one, gave promise in that day—gave promise of the mighty intellects that in later years would rule the Senate. Benjamin Franklin was past the meridian of life when the highest nobles of France received him as the one deemed best by those bold spirits across the Ocean, who had pledged their all for freedom, to ask aid of them. Washington, and most all the leaders in that glorious struggle were middle aged or older.

John Quincy Adams was 81 when he died; yet the younger members of Congress sought instruction of him. And let me ask is it the young statesmac whom we now trust to; or is it to those whose wisdom is matured by experience?

Who can read without deep emotion, "Washington's last visit to his mother?" What respect and tenderness in his attention! She was not a "childish old woman" to the "Father of his country." In imagination I can see the god-like hero reverent and gentle as a child in his mother's presence. And when, "after fifty years, France's noblest son, America's benfactor—Lafayette, visited our land, were any ungrateful to say, "Childish old woman!"

God forgive you, thoughtless young man or young woman, who use such language to or of her who has borne so patiently with your faults. She has tried this life, and knows its voidness, knows there is something more than present gratification to seek. She who has heretofore held the first place in your heart has yielded it to another, God and mothers alone know with what anguish.

Her heart is not hardened because it gives no sign. She has learned to endure in silence. Her hopes of life are fled. Is it any wonder she turns to her grandchildren for love? Their innocent prattle is music to her; her heart receives them, treasures them, takes pleasure in them. Oh! then, teach them to love and respect her; let their innocent hearts cherish her whom you "have no time to humor"

It will soothe her heart-pains at your neglect and more calmly and peacefully will she pass down the stream of life. The benefit will not to hers only; your children will learn lessons of wisdom which you cannot give—which you have not time or inclination to teach them. Experience makes us all wiser; she has raised one generation, and is now able to avoid errors which are prevalent with us all in dealing with the little ones entrusted to our care. God bless the aged, and give the young more sense than to think that gray hairs are a sign of childishness.

Miscellaneous.

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TEAS, every Choice Brand known.
COFFEE, Very Extra Varieties.
Sugars, Syrups, Spices,
Flour, Meal, Butter, Cheese,
Eggs, Lard, Hams, Beans,
Peas, Rice, Farrinaceous Food,
All kinds California Dried Fruits, in extenso,
Table Meats, great variety,
Raisins, Prunes, Currants, Figs, &c.,
Chocolate, Cocoa, Olive Oil,
Pickles, in endless variety,
Sauces, Preserves,
Hermetically Sealed Meats,
All kinds Jellies, Jams,
Sweetmeats, &c.
Toilet Soaps, Family Soaps, Starch, &c.

Special styles put up for us of

Fruits in Brandy,
Potted Meats, Fish,
Condensed Coffee, Condensed Milk,
Extracts of Coffee,
Manioca, for Puddings, Custards, &c.
Spices,
Flavoring Extracts, 1, 2 or 5 oz. bottles
Portable Lemonade,

and all needed articles of this kind.

Brooms, Brushes, Pails, Tubs, &c.

SHIP STORES IN FULL STOCK

Goods sent to every part of the city free of charge to the Steamboats at all the Wharves.

Farmers and Ranchmen in the country are specially invited to call on us when in the city, and examine our large and select stock of Family Groceries, which we sell at Wholesale or Retail

BOWEN BROTHERS,
Corner Montgomery and California Sts, San Francisco.

PACIFIC MUTUAL Life Insurance Co

OF CALIFORNIA.

Nos. 37 and 39 Second street,

SACRAMENTO.

LELAND STANFORD.....President
H. F. HASTINGS.....Vice President
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SCHREIBER & HOWELL,
General Agents

San Francisco Agency, 338 Montgomery street, corner California street, s.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE

To any wealthy person who desires to retire from the drudgery of a business life in the city and enter upon a newer and better and healthier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this place and gathering the products. Such a place I have, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only because of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden with all manner of luscious fruits, and which with a judicious care and management, the whole cost of the place could be returned again in a few years *by its productions*, can learn of the owner by opportunity by applying to the Editor of the *Farmer*. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco at Gold Value, will be received in part payment and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN

Miscellany.

CHINESE STREET JUGGLERS.

A letter from China to the Chicago *Tribune* says: "Street jugglers and mountebanks abound in Canton, and in fact in every Chinese city. They also travel from place to place throughout the country, displaying their feats and picking up a little cash here and there. As a general thing their juggling feats do not amount to a great deal, yet some of them are very clever, and would create fully as much of a theatrical *furore* in the United States as did the Japanese performers. Sword swallowing and stone eating appear to be the commonest feats, and operators of this description can be seen in almost every street. One fellow, however, performs a number of feats in front of our hotel which demanded from me more than a passing notice. He stations himself in the centre of the street, and having blown a blast upon a bugle to give warning that he was about to begin his entertainment, he took a small lemon or orange tree, which was covered with fruit, and balanced it upon his head. He then blew a sort of chirruping whistle, when immediately a number of rice-birds came from every direction and setting upon the boughs of the bush they balanced or fluttered about his head. He then took a cup in his hand and began to rattle some seeds in it, when the birds disappeared. Taking a small bamboo tube, he next took the seed and putting one in it blew it at one of the fruit, when it opened and out flew one of the birds, which fluttered about the circle surrounding the performer. He continued to shoot the seed at the oranges until nearly a dozen birds were released. He then removed the tree from his forehead, and setting it down took up a dish, which he held above his head, when all the birds flew into it, then covered it over with a cover, and, giving it a whirl or two about his head, opened it and displayed a quantity of eggs, the shells of which he broke with a little stick, releasing a bird from each shell. The trick was neatly performed, and defied detection from my eyes. The next trick was equally clever and difficult of detection. Borrowing a handkerchief from one of his spectators, he took an orange, cut a small hole in it, then squeezed all the juice out, and crammed the handkerchief into it. Next, giving the orange to a bystander to hold, he caught up a teapot and began to pour a cup of tea from it, when the spout became clogged. Looking into the pot apparently for the purpose of detecting what was the matter, he pulled out the handkerchief and returned it to the owner. He next took the orange from the bystander and cut it open, when it was found to be full of rice. He performed a number of pleasing feats, but I have given enough to satisfy the reader that they are equally as expert as the Japanese."

VELOCIPEDES.

A New York cotemporary thus speaks and prophesies in regard to velocipedes:

From a careful estimate the army of velocipedists will have numbered by the 1st of May at least 2,000. The laws of progress being irresistible, the velocipedes will come, bestridden by babies of full growth; they will invade the parks, rush along the foot paths, roll over every patch of Nicolson pavement they can scent out, despite the blue coats, and take possession of the city generally. "Oh, very well" we fancy we hear the elderly ladies and old gentlemen, with weak nerves, say; "Oh, very well; but we shall have municipal laws passed prohibiting their running on sidewalks, or on the streets, or in the streets, or in the park, or anywhere (with a scream); we'll put them down." But you can't do it, ladies and gentlemen; they will break through your municipal laws like pie crust. Who will make the arrests, pray? "The policemen!" How can they? Take the politest, liveliest blue bottle you can clutch, and send him after a velocipedist? Why, the fellow on wheels would be round fourteen corners before Buttons had his mind made up! No, no, there is only one way that we know of for driving out these fiery Huns, but we fear it will not meet the general approval. The cure might possibly be set down as even worse than the disease—get velocipedes for the police.

The number now in this city and suburbs is about 250. Five manufactories are, at this writing, are actually at work, and others are about to begin. These now in operation cannot meet the demand or even approximate to it. In one establishment alone we read on the order book over fifty orders, all received within a few days. In another, almost as many were recorded. Those who commenced the manufacture at the "Onward," are engaged increasing their facilities for producing, and by the largest of those it is estimated that within a few days he will be able to turn out fully twenty machines per diem. With these figures it will be easily seen that an estimate of 2,000 for first of May, assuming the demand to continue, is not an excessive one. Just as soon as the manufacturers now commencing the business get fairly to work, we may look also for a reduction in the price of the velocipedes, now excessively high. The most inferior machines are readily sold for seventy dollars, the superior ones, without ornamentation or extra of any kind, for one hundred and twenty.

We have no doubt whatever that there has been surreptitious practice going on in the backyards during the pleasant days of this mild winter by velocipedists.

—"My dear Horatio, I had a very mysterious dream about you." "What was it dear?" "I dreamed I saw you carried up to heaven in a golden chariot, surrounded by angels clothed in white and purple. What is that a sign of dear?" "It is a sign of a full stomach, my dear."

—"Husband, I can't express my detestation of your conduct." "Well, my dear, I'm very glad you can't."

A LOST GENIUS.

I knew a woman once, gifted so extraordinarily by God, that she might have been a florist, a musician, an artist, a teacher, an evangelist,—Since to the mastery of any one of these callings she could have brought an equal power and passion.

Whatever her fiery mind fastened upon, it fused into itself, nor was there anything her cunning right hand sought to do in which it did not execute.

At fourteen her precocity was so great that her father cut short her studies, because "She knew enough for a Woman," and made her a teacher in his school. At sixteen she married a young clergyman. Children came fast, Her health gave way but her energy remained. She was never idle a moment; but alas! neither father nor husband nor one of her twelve brothers and brothers in law saw that that it would be better economy to give the genius they were all so proud of, a musical or an artistic or medical education, that she might pay with her earnings some commoner mortal to make clothes for her little ones, than to let her do it herself with the painful toil of the needle. And she had been brought up with too narrow a vision of woman's duties and destinies to understand herself that she was wasting her life and abusing her powers. All her ready gifts were in her eyes merely appropriate feminine accomplishments, and to make fame or money out of them never occured to her as a possibility, far less as a duty. And yet her mind was ever in a fever of desire, of invention, of agonzied craving for the realization of the dreams of beauty, of beneficence, of friendship, that tormented her. The music rang in her ears; the fearful and wonderful human organism haunted her brain; the dread mysteries of sin and suffering, the awfulness of human responsibility, the glories of salvation burned upon her lips as she taught her children their daily Bible lesson; and still, nailed to her chair, the swift needle went in and out,—went as it often seemed to her, through her delicate lungs as well as through the cloth, until at nine and thirty the struggle ended; the body after long paroxysms of exquisite anguish, gave up it's strong hold on life, and the rich soul exaled away to heaven, rejoicing to escape from the bars which it had so long beaten it's bright wings in vain.

I saw her in her coffin, with an expression of freedom and exaltation upon her marble features that seemed a glory reflected down from her now triumphing far off spirit, and I resolved to remember the woe and earthly wreck of her thwarted nature, and never to cease until I saw some better way for women than this which can so horribly waste and abuse their finest powers.—*Atlantic Monthly.*

Spirituous Liquor.—"That the spiritous liquor in use is nearly all badly adulterated, and that not a little of it is unfit for human beings to drink, are facts which, we suppose, nobody cares dispute. Indeed, so familiarized has the mind of the public become to these facts, that the terms 'Jersey lightning,' 'benzine,' 'pizen,' or the capalistic consonants 'r. g.,' are commonly used in application to the liquors sold over bars, and no surprise is excited. No one has failed to notice the deterioration in the quality of liquors since a time within the recollection of men not very old. Half a century ago it was the common custom for families to keep wines and liquors on their sideboards, and use them on their tables. Perhaps as much was consumed then as now, but how comparatively small were the evil effects."—*Boston Courier.*

We have the names of Several parties who are making "Fire Water", in this City, and we trust that the *Next Legislature* will correct this growing and fearful evil.—Ed. Far.

A clergyman and one of the elderly parishioners were walking home from meeting one frosty day, when the old gentleman slipped and fell upon his back. The Minister, on being assured that he was not hurt, said to him: "My friend, sinners, stand on slippery places." The old gentleman looked up, as if to assure himself of the fact, and replied: "Yes' I see they do; but I can't."

A joker declared that a blind man, by taking something from the breafast table, recovered his sight. What did he take? He took a tea cup and *saucer* (saw, sir)

A woman may be of great assistance to her husband in business by wearing a cheerful smile upon her countenance.

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the Anthropphoroscopic, or "Photoscopic Table," designed to give a Life effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION o this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group Families entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the Photoscopic Table at the corner of St. Marks Place, No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them. 32-1

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES.

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.
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Harness. Saddles.

MAIN & WINCHESTER

Manufacturers

AND

Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL Con. CORD HARNESS, for the Pacific Coast.

GERRISH

SUBMERGE DOUBLE-ACTING

FORCE PUMPS.

Patented by J. A. Morrell, Oct. 29, 1867.

The Cheapest, Simplest, and most Durable Pump in the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

MANUFACTURED AND FOR SALE BY

LINFORTH, KELLOGG & RAIL,

IMPORTERS AND JOBBERS OF

Agricultural Implements and Mining Tools,

Nos 3 and 5 Front street, San Francisco.

[30 6 3m]

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30 23 King St San Francisco.

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW, GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.
Huron, Erie Co., Ohio.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE

OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
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A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
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E. L. Goldstein,
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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H. & L.

is on the red cover of the package.

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California stret.

Railroad Lands.

Central Pacific Railroad,
Land Department.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. This three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINES,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Oils, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.

Alcohol, Turpentine, Lamp Stock of all kinds.

Gasoline, gravity 84.

Naptha, (gravity 63 and 71.

Also Grant's Candles, in lots to suit. 30 17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by Enyron Farmer.]

San Francisco, February 25.

Grain, &c

What of the Grain Market now? Do those who have held on to their wheat see any better prospect ahead? Have they been the gainer by the "Hold on" system advocated by the Sacramento Union?

We ask our grain holders now to read the news from Liverpool, viz:

Wheat a 10s. 5d. and the New York quotation are 1,80x1,90 currency for wheat, these rates are actual loss to ship from here—this is most unfortunate in view of the immense stock still in hand and the certainty of a harvest unprecedented for quantity the present year.

We assert boldly that the crop of 1869, will be 50 per cent beyond that of 68, judging from the area planted and the present prosperous look of the grain.

What shall be done with the *Three quarters of a Million Tons of Grain*—the crop of 1869? and what shall be done with the 150,000 Tons wheat now on hand? We wait for a reply! One thing is very certain, our wheat raisers may make up their minds to sell wheat at the opening of the New Harvest at 1¼—and they that *sell first* will be the best off.

We do not say this with any pleasure, but unpalitable medicine has to be taken to restore, and those who were so anxious as to "hold on" are a little sick,—now take this medicine—resolve to "meet the market" the present new year whatever it may be, and Rush our crops abroad and "Realize"—this is our council to the Farmers. Time will tell if we are right.

The present weather is very favorable for the growing crops of Grain. The cold winds keep back the seed and Stock suffers in many places.

The demand for Wheat and Flour is now very limited, no disposition on the part of shippers to ship more—only to fill their contracts already existing.

There are quite a number of our Farmers visiting San Francisco now that feel bad, as they learn the prospects for the irold crop, it will make thousands of dollars difference to many of them, and we think they will call to mind the advice the "Farmer" gave them all through the season, Sell! Sell! and now that they are ready to sell, they loose by delay 20 to 30c on every 100lbs, and to those who have 20,000 sacks, it is quite an item, but there are some lessons our Farmers must learn even by costly experience.

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 75	@	1 80
Barley, ₱ 100 lbs	2 20	@	2 30
Rye ₱ 100 lbs	3 50	@	3 75
Oats, California, ₱ 100 lbs	2 10	@	2 25
Corn ₱ 100 lbs	1 62	@	1 70
Flour, Superfine, ₱ bbl	4 50	@	4 75
do Extra	5 00	@	5 75
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 75	@	5 00
Corn Meal, ₱ 100 lbs	2 75	@	3 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	21 00	@	23 50
Middlings ₱ ton	27 00	@	30 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	5 00	@	7 50
Potatoes	75	@	1 00
do sweet	2 00	@	2 50
Onions	2 75	@	3 50
Hay, ₱ ton, extra	15 00	@	20 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Retail Prices in the Fruit Market.

Our market has been abundantly supplied with apples of second quality from Oregon, also with oranges, lemons and limes from Los Angeles, and a limited quality of pine apples and bananas from Panama, were it not for those, our market would "cut but a poor figure."—We make use of the last term, because we know well, that almost every variety of choice and tropical fruits can be grown within a few miles of this city, and it reflects discredit and want of foresight on the part of our orchardists.

Apples, ₱ box	2 00	@	4 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh	—	@	—
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	—	@	—
Barberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chili do	—	@	15

Retail Prices in the Vegetable Market.

Our vegetable market has retrogaded somewhat this last week, as far as supply and quality is concerned. It is true, we have had a few and well grown cauliflowers, also a limited supply of early green peas, realising the modest price of one dollar per pound, but outside of these two articles, there is nothing worthy of note of this spring's growth. The supply of yellow Danvers onions of last year's growth, has been good, and in prime sound condition, for which there is an unusual demand.

Asparagus, ₱ lb	—	@	50
Artichokes, (Fr.) ₱ doz	50	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	150	@	1 50
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	200
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	
Garlic, new		@	25
Green Peas, ₱ lb	—	@	1 00
Green Corn, ₱ doz ears		@	
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	6	@	8
do Sweet	8	@	10
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley		@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb		@	
Radishes, ₱ doz bunches		@	37
do yellow		@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	25
do Red	25	@	37
Squash, Summer		@	
do Marrowfat	5	@	
do Hubbard	3	@	5
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	—	@	37
Salsify, ₱ bunch	25	@	37
Turnips, ₱ doz		@	25
Tomatoes, fresh, ₱ lb		@	

FISH

(Tessmore and Hayes.)

There has been a fair supply of fish in our market during the past week, and prices about the same as last quotations. We are at a loss to know why herrings should not be more plentiful and cheaper. We presume it is in consequence of their being further out at sea, consequently there is more danger in capturing them, than there is in catching the varieties which keep more towards shore—Prices as below:

Salmon, ₱ lb	18	@	20
do smoked, new	—	@	30
do pickled, ₱ lb	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	—
Smelts	8	@	10
Perch	—	@	12
Rockfish	15	@	18
Codfish dry	—	@	18
Herring, fresh	8	@	01
do smoked		@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	—
Soleish	—	@	33
Crabs large ₱ doz	—	@	1
do small		@	25
do soft		@	43
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

POULTRY AND GAME.

(A. A. Louderback.)

Our market continues to be well supplied with poultry of all kinds, turkies, ducks and chickens, are the most sought after. Game of some sorts, are a complete drug, consequently can be had at nominal prices.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 00	@	1 25
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	—	@	
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	7 50	@	8 00
Spring Chickens	7 50	@	8 00
Turkeys, ₱ lb	—	@	18
Ducks, tame, per doz	6	@	7 00
do wild,		@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	200	@	2 50
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	1 25

MEATS-

(L. Miller & Co.)

With our butcher, all is activity—They are doing a good, and an increasing trade. Mutton in our market is of extra fine quality. Lamb is not to be had this week. The beef is somewhat below mutton in quality. Our graziers will have to grow a quantity of Mangel Wurtzel, Swedes, Turnips, Carrots, &c, so as to fatten their cattle, and send them to the slaughter house almost melting in fatness, and not until then, may we expect to have the fine rump steaks which can be had in European markets—Prices as below:

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef Tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Our dealers are doing a good trade and chiefly with California produce. Our Eastern merchants are continually pushing into our market, butter, lard and cheese, which at present, is a complete drug. Eastern produce is not sought after now. Californians have become epicurians—they will have the freshest and best of all those things, and thanks to our ranchmen and farmers, we can have them in any quantity, almost at all times. Our Eastern friends would do well to keep their produce at home—Prices as below:

Butter, California, ₱ lb (Fresh)	50	@	55
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	50	@	55
Duck eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	40	@	45
do do packed	—	@	40
do Eastern (new)	35	@	40
Cheese, California	19	@	20
Eggs, ₱ doz	40	@	42
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

Beef—American, 1st quality, 11½@ 13 c ₱ lb
do. 2d do. 9@10c.
Mutton—11@12½ ₱ lb. Lamb— @12c.
Pork—pudressed, —@7½c; dressed, 9@10c.
Veal—10@12c ₱ lb.

WOOL, TALLOW, HIDES ETC.

Wool, best fall clip	16	@	18½
Medium	12	@	5
do burry	10	@	12
Wool-sacks, new	75	@	88
do second hand	40	@	50
Dry hides, ₱ lb	15	@	16
Green salted, ₱ lb	7	@	7¼
Sheep skins, wool on	30	@	50
do do plain	12	@	25
Goat skins, each	25	@	50
Refined Tallow	8	@	8¼

New Productions of California,

Flax Seed ₱ lb	3½	@	4
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3	@	4½
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do Imported	25	@	35
Mustard Seed	3 00	@	4 50

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp'y steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

Feb. 6.—GOLDEN AGE—Capt. E. S. Farnesworth, connecting with the ALASKA, Capt. Gray.

Feb. 13.—COLERADO—Capt. W. H. Parker, connecting with the RISING STAR, Capt. King.

Feb. 22,—SACRAMENTO, Capt A. West, connecting with HENRY CHAUNCEY, Capt. Connor.

Feb. 27—MONTANA— Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury,

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

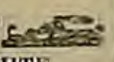
se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL

THE FAST AND SPLENDID STEAMERS



CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17.13 J. WHITNEY JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9.50 A. M.; Reno at 4.20 P. M; Wardsworth at 6.39 P. M. Winnemucca at 3.30 A. M.; Argenta at 8.50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12.03 P. M. Reno at 2.13 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffe, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

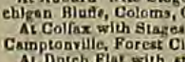
At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points in Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages for White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.



Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families" and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Choice Grape Cuttings.

50,000,

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the Farmer office,

Or address Editor Farmer.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLA... in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McL... Vermifuge, they very frequently get one or other of the many worthless preparations called Verm... now before the public. We therefore beg leave to urge upon the Planter the propriety and im... ance of invariably writing the name in full, and to advise their factors or agents that they will not receiv... other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., Pi... BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements... alent in the South and South West, has induced the venders of many worthless nostrums to claim for their... parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the... ginal and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter... Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no... Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILL

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER... BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLA... and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the W... South, where, in the majority of cases, the patient is not within the reach of a regular physician, requ... some remedy should be provided, that would not in the least impair the constitution, and yet be safe and... That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The great... which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It is... our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced... they have been so tested, and that the result has been in every respect favorable, we call thousands to... who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular m... the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected... deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is... to perform, and on the regular execution of which depends not only the general health of the body but the... of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance to... health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the body... exerises a powerful influence over the mind and its operation, which cannot be easily described. It has... connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful ch... that it misleads more physicians, even of great eminence, than any other vital organ. The intimate sy... which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises... passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal... or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have... convinced that more than one-half of the complaints which occur in this country, are to be considered a... their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the... Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequ... of which we afterwards feel ashamed; last, though not least, more than three fourths of the diseases enu... under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalog...

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, incr... pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; some... pain is felt under the shoulder blade, and it frequently extends to the top of the shoulder, and is some... taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels... ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull... sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful... tion of having left undone something which ought to have been done. A slight dry cough is sometimes an... ant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning; ... complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise... be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every o... Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet... ination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when take... Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after... Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not pu... or three times by next morning, take one or two more; but a slight breakfast should invariably follow... The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are... to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derang... of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist... consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is ig... cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient... fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to ... cause. It ought here to be particularly remarked, that although but few worms may exist in a child, ... ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numer... of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it fre... happens that a disease otherwise easily m aged by proper remedies, when aggravated by that cause, ... to treatment, udicious in other respects, but which entirely fails in consequence of worms being overl... even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expe... loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-... with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with... al flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an... circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the... occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy... tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a... sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and... violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently... with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by... cough sometimes dry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; tempor... but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DE... UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to w... in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffec... viding the symptoms attending the sickness of the child or adult warrant the supposition of worms being... In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN M... IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injur... most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened wa... morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over... a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S... great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons... palming upon the public counterfeit and inferior articles, in consequence of which the proprietors ... forced to adopt every possible guard against fraud. Purchasers will please pay attention to the follow... of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McL... FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follo... McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPR... This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have ... stamped on the lid of the box, in red wax.

Prepared only by

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Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

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CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

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Eastern Correspondence.

NEW VARIETY OF CORN.

PROVIDENCE, Feb., 2, 1869.

EDITOR CALIFORNIA FARMER. DEAR SIR:—At the Annual Meeting of this Society, held on January 20th, I was instructed to tender you the thanks of the Society for the CALIFORNIA FARMER, furnished to them during the last year.

I will add that your paper has been a most welcome visitor on our book-table, in Railroad Hall.

I forward to you by the same mail a copy of the Society's transactions for 1867, whose publication has been accidentally delayed.

I also mail you an ear of the "Rhode Island White-Cap Corn." On your soil I suppose it would grow twice the size which it does here. It has several peculiarities. The cob is very small and it bears with us two or three ears on the stalk; yielding fifty bushels of shelled corn to the acre. It is therefore, about as prolific as any corn suited to this latitude.

But its chief distinction is its extraordinary sweetness. It is so superior to all other varieties of Indian Corn for family use, that when once tried it is seldom abandoned. It bears a higher price than any other Indian Corn in the market, and I believe is the finest of all American varieties, at least for domestic use.

If the Post-office vouchsafes to deliver the ear which I mail to-day, you will observe how perfectly the end is capped over, which is the characteristic form.

I have had a good many specimens of grains sent me for the comparative analysis now in progress in the Department of Agriculture at Washington.

This ear of R. I. White-Cap Corn, I select and send you as the purest specimen I have received. It was raised by BENJAMIN BOGMAN, Wichford, Rhode Island.

I cannot but think that this variety of corn would become a favorite with you, and while we are indebted so much to the Pacific slope for useful and ornamental plants, I should be glad to help eke out a return in kind.

I also send you three packages of Sweet Corn; Rhode Island varieties, which are quite famous in this region. The "Narragansett" Sweet Corn was grown by THOS. G. POTTER, of East Providence, R. I., the originator of the variety. It is considered the sweetest and most prolific of the early varieties.

The "Asylum" Sweet Corn was grown by THOS. E. PAYSON, Superintendent of the Dexter Asylum, Providence, where the variety originated. It is a very large and prolific variety.

The "Rhode Island" Sweet Corn was grown by JAMES DE WOLF PERRY, of Bristol R. I., a variety obtained by him, by a selection of ears for a succession of seasons. It is very large, and perhaps superior to the Asylum, though it has not been extensively introduced like the latter.

These are all taken from specimens sent to me for the Department at Washington, and are, therefore, good of their kind. Larger quantities can be easily furnished if desired.

Yours Respectfully,
WM. F. CHANNING, Secretary.

THE KIRBY LARGE MOWER.

INTERNAL IMPROVEMENT.

[The important words which head this article are now beginning to be appreciated in CALIFORNIA, and we trust that our next LEGISLATURE will awake to their importance.

The rapid progress towards completion of our GREAT WORK, the Pacific Rail Road has induced us to publish the Report of a Committee of the Legislature of Massachusetts nearly *forty years ago.*

That Committee was composed of men of the highest standing; names, eminent in the history of that State; men of wealth and great influence, nearly every one of whom was known to us personally; but while we review their words of wisdom and earnest counsel in those early days before the Iron Horse, with breath of Fire swept over that State, while we recall the good deeds of these excellent men, as sadness comes over us to think they have all passed away, but only to their reward in a better world.

This Report must be read with great interest by all who comprehend the changes which has taken place in these United States within the period from that day to the present; and when the Great and Grand Day which is now near to, us shall come, when the dwellers on the Atlantic shall come to greet the dwellers on the Pacific, when the *Iron Horse* shall ride in triumph up and over the Sierra Nevada mountains and speed off on its great mission, then and then only can we fully appreciate the value of the labors of such men as Pioneered the work of Internal Improvements in the "Old Bay State."]

COMMONWEALTH OF MASSACHUSETTS.

To the Hon. the Senate,
and the House of Representatives:

The Directors of Internal Improvement have the honor herewith respectfully to submit such further information upon the construction and utility of Railroads as they have been enabled to obtain, in compliance with a concurrant order of the two Houses of the Legislature, at the last session. Considering the duty assigned them, by the terms of their commission, as merely ministerial, in collecting and presenting facts applicable to the "practicability and expediency" of adopting this particular species of improvement, they feel constrained to confine themselves to a communication of the result of such examinations as they have directed, and of the practical operations which have fallen within the scope of their inquiry, as evidence to others, rather than offer observations, which are the effect of the additional information thus acquired, upon their own minds. They will not forbear, however, to add an expression of satisfaction, that all their previous anticipations of the value of such improvements are abundantly confirmed, and that they feel an assured confidence in the correctness of the calculations and estimates of the expense of the construction, as well as the inducements to, and promise of advantages from their enjoyment, which in a former Report they so fully and unequivocally expressed.

It was deemed expedient to ascertain, in the first place, how far the face of the country and the manner of executing the work of constructing Railroads in other places, would upon comparison, afford encouragement to similar undertakings in Massachusetts. The Directors therefore, sought to avail themselves of the experience which other States had already acquired on this subject. It was known that Pennsylvania had engaged extensively in similar enterprises, after the best means had been resorted to, for direction in her plans of public improvement. The people and the State of Maryland also, had undertaken one of the greatest enterprises of the age, in the Baltimore and Ohio Railroad, upon the most careful investigation of the principles and character of this mode of intercommunication, and upon critical inquiries into its practical operation upon the business and interests of society. Scientific men had been sent to Europe expressly charged to obtain all the information which the introduction and use of Railroads there could afford, and the result had been a decision in both of the aforesaid States, in favor of their equal applicability to the circumstances and occasions of transportation in our own country. With a view to the knowledge which might be obtained by an examination of the works which were thus in progress, and a direct communication with those who had their superintendence, a committee composed of one of the members of the Board and the Engineer who had been employed in the survey of the Providence route, and whose intelligence and accuracy were fully approved, were authorized to visit the scenes of these improvements, and to make the inquiries and procure all the information which could be found useful in the proceedings which were to be had here. In the course of the season, this Committee accordingly examined the principal public works in the States of Pennsylvania and Maryland, and have made a report of the result of their observations, which the Directors herewith transmit, and request they may be received as part of the execution of their commission.

It will be seen that the State of Pensylvania is deeply committed to the objects of internal improvement. The extent to which she is at this time engaged in Canals and Railways, either on the public account, on in joint stock operations of her citizens, exceeds 1200 miles; at an estimated cost of 15,000,000 dollars. The Committee found no degree of discouragement entertained, on account of the magnitude of these undertakings, or from any obstacles which had been presented to their accomplishment. On the other hand, they met every where on the routes of their location the strongest manifestations of the improvement of country, by the progress of the works, and received assurances of the entire dependence of the interests of trade, manufactures, and agriculture upon their successful completion.

In the description of the Baltimore and Ohio Railroad, an explanation is afforded of the great expense of its construction. The most extraordinary difficulties are overcome, and excessive sacrifices made, to conform to a preferred location of the Road, in reference to its approach to the city of Baltimore. High embankments, deep cuttings, magnificent bridges, and viaducts of solid masonry, faced and ornamented with hammered granite, brought from great distances, are the occasions of cost, which are not usually within the estimates of such improvements, and exclude all comparison between that work, and others which any where else have been projected. Yet is the enterprise still prosecuted with a zeal and confidence of success, which admits no distrust, on this account, of the attainment of the ultimate object. The considerations of encouragement, which the promised advantages from its use, have presented, are strikingly applicable to the circumstances of our own State, in relation to an improved communication, between the capital and the trade of the North River.

On the route of this road, the rails have been laid for nearly two miles from the city, upon which experiments of the most satisfactory character have recently been made in the rapid passage of carriages moved by horse power. The way is graded, and prepared to receive the rails for nearly 25 miles further, and great progress has been made upon other sections of the route. The estimated cost of the whole work exceeds more than two fold. that of all the improvements taken together, which have been proposed in Massachusetts. The State is at the same time engaged in another railroad from Baltimore to the river Susquehanna, the first stone of which was laid in August last, and upon which much labor has already been done. Besides all this, the mighty project of the Chesapeake and Ohio Canal is in a state of vigorous prosecution.

Through the instrumentality of an application by the President of the Board to his Excellency Gov. Martin of Maryland, the Directors were put in possession of much more minute information on the subject of the public works, in that State. Among the documents herewith transmitted to the Legislature will be found an original communication from Col. Long, of the U. S. Typographical Engineers, and President of the Board of Engineers employed on the Baltimore and Ohio Railroad, containing precise answers to definite inquiries, which were proposed in relation to the progress of that principal work, and also on the general subject of this kind of construction, the best application of moving power in its improvement, and the preference to be given to it, over other modes of conveyance. This valuable document was expressly prepared for the instruction of this Government, and entitles the distinguished officer who promptly and gratuitously furnished it, to very grateful acknowledgements. In the authentic character of the information which it contains, where we have the known results of the application of scientific principles to the laws of matter, and of practical experience in the operation of labor, the Directors are spared the occasion of repeating their own observations upon the same subjects of inquiry, which were presented to their attention, It will well supply the place of opinions and suggestions, which less particular information obtained elsewhere would otherwise have required them to make, and must be received as an acceptable substitute for any detail by themselves, in regard to whatever it embraces.

From a comparison of the description which is given of all the works both in Pennsylvania and Maryland, with the surveys which have been had here, it cannot fail to be seen, that we have few of the difficulties to overcome, which are found in those States. The country here, is less broken into deep and precipitous inequalities of surface, the elevation nowhere so great for a like distance of way upon any proposed route for a road, the earth is of a kind more easy of removal and graduation, and materials are both more abundant and better suited to the construction of the tracts. The courses of location also, are, in the general more direct. It would seem, too, from the information furnished us, that the work, even there, may be constructed at a rate, having regard to the character of the ground, as low as the estimates which have been made with us. Iron for the rails has actually been obtained at less cost, and more contracts for excavating and removing earth and preparing the way for the rails, have recently been entered into, at a price below the allowance in the estimates of our own Engineers. These latter circumstances are particularly deserving of note, as fortifying the reliance which may be placed upon the sufficiency of former calculations for similar works in this Commonwealth.

In the prosecution of the inquiries to which our attention has been directed, we have been called to receive in astonishment, the accounts which are given, of recent experiments in England, upon the capacity and adaptation of steam carriages as a self-moving power over Railroads. This invention promises to produce a new era in the business and arrangements of society. The effects which are to result from it can hardly be compassed by the anticipation of the most sanguine. Distance is lost in the application of this power to the purposes of conveyance. A rate of travelling with a velocity of from 20 to 30 miles the hour, is fully demonstrated to be within the capacity of these engines, and the ease, safety, and economy of this mode of dispatch are made equally apparent. Thus will intercourse of every description be facilitated. Places of market heretofore considered too remote from each other for inter-communication, will be rendered easily accessible. The labor bestowed upon transportations will be spared to purposes of production; and that diffusion of wealth which is the fruit of trade extended through city and country, from the mart of commerce to the field of the husbandman's culture, and through the workshops of the mechanic and manufacturer, will be richly experienced. Whenever the time shall arrive for the introduction of these machines into the United States, the inexhaustible beds of coal which have been discovered will supply abundant fuel for the engines, while the ways over which these move, will render the facility and cheapness of that supply, the strongest inducement to their use. Yielding entire confidence to the accounts of the experiments to which we have referred, we deem it proper to offer to the Legislature, as part of the information which may be expected from this Report, various extracts from periodical publications in Europe, to show how greatly the advantages heretofore proposed from Railways, are increased in prospect by recent discoveries.

The Directors are not aware, in conclusion, that there is any thing for them to add to the Report of their Committee, which, in connection with the communication of Col. Long, the extracts before referred to, together with the foregoing remarks, will present all the information of which they are possessed, upon the subjects of inquiry proposed, by the order of the Legislature, and in compliance with which, the same is respectfully submitted.

LEVY LINCOLN.
NATHAN HALE.
DAVID HENSHAW.
GEORGE BOND.
THOMAS W. WARD.
WILLIAM FOSTER.
ROYAL MAKEPEACE.

Boston, Jan. 13th 1830.

MOUNDING UP PEACH TREES.—The mounding system was first practiced, so far as I know, by Isaac Bolmar of Warren county, Ohio. I visited his orchards some years ago—acquainted myself with his system—and concluded to try it upon my orchard of 4,000 of trees—then one year planted. I plant my trees in the fall, and in the spring following cut them back to six inches above the bud. The tree then instead of having one body had several—from three to six. The second summer I plow both ways, turning the furrows toward the trees. The men follow with shovels, throwing the loose soil around the tree to the height of about one foot. In the fall I cut the trees back, taking off about one-third of the year's growth. The next spring or summer I pursue the same method, raising the mound about one foot higher; cut back in fall, and the third summer repeat the process, raising the mound another foot, which finishes the job. The mound will then be about three feet high at its apex and six feet in diameter at its base: The mounding need not be done in summer, or at any peculiar season; it is just as well done in the fall when the hurry is over. The dirt is never taken away from the trees—in fact it cannot be removed without injury to the tree—for young rootlets each year keep climbing up through this mound. I had occasion to remove one of these mounds a few days since and found it a mass of healthy roots.—Correspondent of *Journal of Agriculture.*

OUR ILLUSTRATION.—We again present to the "Grain Growers" of our State, another view of the famed KIRBY REAPER, which we have advertised in our columns, and which valuable Machine is only sold by Messrs. Treadwell & Co sole Agents for the Pacific Coast, thus we have presented *three distinct* views of what is esteemed one of the *Best Inventions* ever presented to "harvesters."

Agriculture.

SYMPATHY BETWEEN MEN AND ANIMALS.

There is a sympathetical relation existing between men and animals which is not sufficiently understood or studied by farmers and those who have the care and training of domestic animals. That there is a controlling power which man has over the lower orders of the animal kingdom is manifest to all. It is the decree of the great Creator that man should have dominion over the beasts of the field, the fowls of the air, and the fishes of the sea. There is naturally placed upon all animals the fear of man; so that, instinctively those in a wild state flee from him or slink away from his presence. There is a power in the eye of man, when fixed steadily, which causes even the most fierce and savage beast to quail beneath it. There is a power and majesty in "the human face divine" that exerts a peculiar sympathetical and restraining influence upon every animal. It is the power, glory and majesty of mind over matter and brute instinct. But in order that this power may be felt and exerted in its full and legitimate manner it requires courage and calmness. It is the calmness and fearlessness of the gaze that give the power. As soon as the eye quails through trepidation or fear, the power is gone, the spell is broken, the beast has conquered, and there is danger.

It is not, however, to this power in a general sense that we would invite attention at this time, but to that influence and power which is exerted over domestic animals by those who have the care of them. A man is constantly exerting a peculiar sympathetical influence over all the various animals with which he has to do—which is being as constantly reflected back in the disposition and character of each individual creature, according to the sagacity, spirit and value of the animal. Some animals, however, are naturally so stolid and spiritless that they are almost worthless except to supply the market stalls. How often do we see the nature and character of a man reflected back in his horse? A nervous, fidgety, irascible man will make in a short time a nervous, restless, fractious horse. His horse has caught his temper and disposition, and will make them manifest. While on the other hand, a calm, dignified, even-tempered man will soon make his horse, like himself, calm, noble, docile and gentle. How manifest is this also in times of danger, when horses become alarmed and frightened—if their drivers are alarmed and terrified, the horses become terrified and unmanageable; while on the other hand, if their drivers are self-possessed and speak calmly and soothingly to their alarmed animal, they will soon begin to lose their fear and regain their confidence. We have often seen horses when anything occurred to excite their fear, neighing for their masters, and if at liberty, running to them for protection, when a few strokes of the hand upon the neck, and a few soothing words would quiet all their fear and make them calm and self-possessed.

Horses, as a general thing, can be far more easily controlled by the voice than by the whip, or rein even. They soon learn the tone of their master's voice, and know what is meant by it, and readily will obey that voice if properly trained, with far less trouble, and certainly with far less pain and suffering, than from the use of the whip. Let it here be remembered that it is not harsh, angry words, or loud oaths and imprecations that does this work of training; but words of calmness, firmness and gentleness. Animals do not like to hear the harsh grating tones of anger or passion, or oaths and imprecations of the furious man, any more than men do; and they will soon, under such treatment, become nervous, fiery and vicious. Many a noble horse has had to suffer the most shameful abuse for that which the harsh, angry voice of his master or driver has made him to be.

A man can easily make his cow nervous, fidgety and kicking, by his nervousness and irritability, and oxen will soon become fractious and unmanageable by the use of harsh, angry words and unkind treatment. All animals learn to love those who treat them with kindness. They love the calm, soothing, gentle tones of their master's voice, and readily obey his call. A calm, gentle word, the humming of a tune, a pat or stroke of the hand, will do far more to make a cow, an ox or a horse gentle and manageable than anything else—for these win their confidence. The man who controls himself on his farm, in his stable and barn, among his horses, oxen and cows, gains far more every way, in comfort to himself, in safety and security of life and property, and in the yield of dairies, than by following any other course, for he has learned to govern himself, and in governing himself he has learned the secret of governing and managing his horse, his ox and his cow; in a word, everything feels the happy influence of a calm and dignified self control.

Who has not marked the difference between the appearance of a stock of cattle and horses kindly managed, and that of a stock, differently treated. In the one, the animals were peaceful and happy, and everything appeared in good humor. The cows, quietly chewing their cuds, are all ready with their full quota of milk, in a healthy condition, fit for the dairy; not a foot lifted, and nothing lost from the foaming pails. The horses seem to smile and neigh a welcome to their kind-hearted masters; and even the geese and hens join in a merry concert. What more inviting scene presents itself at the twilight hour of some beautiful June day than such a farm yard, the very picture of peace and prosperity. While in the other everything is in a flurry and tumult, a pefect "hurly burly." Cows and oxen dodging this way and that, afraid of a blow or a kick, while the very hens and geese fly in terror from the loud, angry and boisterous shouts or horrid oaths, with which the whole herd is hurried into the barn-yard. The agitated and trembling cows chew no cud, but yield their heated milk, entirely unfit for the dairy, and per chance half is lost by a luckless kick of the foot, to be returned by a slap from the milking stool, only to make the poor trembling creature more fearful and uneasy.

How much need is there that our farmers should learn the secret of making their "barn families" peaceful and happy. It is sad to see how many farmers permit their animals to be most shamefully abused by rough men and boys, who should not be allowed to have anything to do with the noble animals God has given for the use and comfort of man. Such men and boys are better qualified for the House of Correction than for the farm. Every man will mould and shape the character and disposition of his domestic animals by his own spirit and temper. As he is, so they will be. If his horse, ox or cow is vicious and unmanageable, instead of abusing it, let him blame himself, or rather regulate his own conduct—govern himself—and thereby learn the secret of governing his creatures. G.

LOW HEADS FOR APPLE-TREES.

A writer in the *Rural New-Yorker* gives his experience in cultivating his apple trees as low as possible. Indeed, he says that his Rhode Island Greening trees, now twenty years old, stand only fifteen feet apart in the rows, and are trained so low that three-fourths of the apples can be picked by hand from the ground. He has a single row of these trees twenty-six rods long, or about twenty-six trees in all, and says their product last fall was fifty-five barrels of best marketable apples, which he sold at $3 per barrel, and twenty-five bushels second quality sold at 50c. per bushel; from the rest 110 gallons of cider were made and sold at ten cents per gallon, and $7.50 worth of dried apples, making a total of $196. We should say this was doing well even for central New York, where the crop was produced.

On our own premises we have always pursued the same course with our pear trees and have succeeded well. Sometimes the crops have been very large. Fruit trees that are trained low, can have their fruit gathered from the ground or from a step-ladder, and will frequently bear perfect fruit within from twelve to eighteen inches of the ground. This low-branching of trees shades and protects the trunk from the hot sun in summer, and thus insures for it a longer and more productive life.—*Germantown Telegraph.*

WORKSHOPS FOR FARMERS.

It is always perplexing and unpleasant, and not unfrequently a cause of much expense, to be compelled to run to the carpenter or the blacksmith every time a hinge is to be replaced, a wheelbarrow injured, or a strap broken. To obviate such contingency, the farmer should either be himself or have in his employ one who can repair such injuries, and he should also provide accomodations and tools which will enable him to do it. A workshop, with a good bench, vise, and all the various tools required in the performance of the more simple details, should be among the buildings of every homestead. A little skill in the use of tools—and this any person of moderate capacities can readily acquire—will enable one to save many dollars annually, besides furnishing pleasurable and profitable employment for many an otherwise idle and perhaps painful hour. Here should be found white wash, paints, oils and brushes; cement, pruning and grafting tools, syringes for irrigating plants; glass, nails, screws, putty, glazing tools, and indeed, every article that may be required in keeping the premises and apparatus of the farm in a state of complete repair.

Having once become accustomed to these advantages and conveniences, the wonder will be how it were possible that they were not introduced long before.—*Germantown Telegraph.*

PLOWING IN RIDGES.

No one but those who have had experience in low lands can have an idea of how great is the loss to crops from stagnant water about the roots. Yet most of us have land which we must work, and yet cannot afford to underdrain, for want of sufficient capital, or from some motive other than a want of faith in its profitableness.

Now if such land be plowed up into narrow ridges, it serves very much the same purpose as an underdrain. To be sure it is but a temporary purpose, for in time the loss of land between the ridges would come to as much expense as the first cost of drain tile. Still, it is better to have a full crop on only a portion of one's land, than risk a total failure on all; and in this way ridging will often be found to pay very well.— *Forney's Press.*

MILKING GOATS.—Many families about Towns and Suburbs of Cities who have not pasture and conveniences for keeping a cow, might keep a milking goat to great advantage; they are easily cared for and are not costly to keep; may be fed on the slops of the kitchen. If milked regularly twice every day, one will yield a sufficiency for a small family. Goats milk is very healthy, very nourishing, and is often prescribed for the sick during convalescence. The animal is very domestic in its habits, fond of being petted, and grateful for kind attentions.

—An English farmer broke up thirty acres of water meadow which produced nothing but coarse edge grasses and rushes. After it was thoroughly drained and laid down to grass, he was able to cut four crops of green fodder annually of the best quality. The same thing could be done in thousands of cases in this country.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or 'Haine's Gearing,' or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

Miscellaneous.

TRUE'S

IMPROVED

POTATO PLANTE

This is, undoubtedly, one o the most rati... chines adapted to Agricultural purposes ... duced.

It Saves the Labor o... Men in Planting Ti...

Makes its own furrow, cuts the potato in ... slices as the farmer may prefer; drops them ... the most perfect regularity, and covers them ... and does all this as fast as a horse can walk ... ground that can be plowed

No intelligent farmer can fail to see that ... ment with which one man can, with the aid of ... plant six acres of potatos in a day, is of ... value; because the days in which PLANTING ... erly be done are very few, while he has all ... and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER ... other machines. It affords its aid "in the ... of time," and gives leisure to its owner for ... to his other spring work, which would otherwise ... overwork him or be left undone.

The undersigned have the sale of this Great ... Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this ... ment, and a good Mechanic can make a fortune ...

Particulars and Catalogues can be had at ...

WARREN & CO...

320 Clay street, ...

INVESTMENTS...

MADE IN HOME INSTITUTIONS PROMOTIVE ... general prosperity of the State. It is the ... interest of all who reside on this coast, in effecting ... on their lives, to give the preference to

THE CALIFORNIA ...

MUTUAL LI...

INSURANCE COMPAN...

INCORPORATED NOVEMBER 16, ...

Capital in U. S. Gold Coin, $...

Guarantee Fund, U. S. Gold Coin, 2...

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Which Company offers to residents of the Pa... greater advantages than are offered by any ... pany. Read the Prospectus of this Company ... plying elsewhere Copies can be obtained at ... the Company, No. 13 MERCHANTS EXCHA...

W. R. WHEATON, General A...

Valuable Paten... FOR SALE

We invite the attention of energetic M... several very

VALUABLE INVENTIO...

for which we hold the

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of this State and coast for the same.

They are each and all of a practical and ... tor, and are such as a handsome return for ... capital can be made from.

WARREN ...

EARLY GOODRICH POTA...

Important to Market Gardeners ...

Agricultural Public

The Undersigned, having growing and ... above Potato for two seasons, have no hesita... nouncing it far superior to any other ... coast, for an early Potato, and now offer it for ... is very early (from three to four weeks earlier ... other) good size, white skin, smooth eyes, white ... superior table quality, and very productive.

L. F. or F. SANDERSON, San Jose

Agents in San Francisco—GRIFFITH & KE... 225 Washington street, one door below Front; ... SILVESTER, No. 317 Washington street.

BOUND VOLUMES FARM...

Volumes of the "California Farmer"

The last EIGHT YEARS, uniformly bound, can be ... Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter ... the practical workings of Agriculture as adapted to ... nia Culture than any Book or Books Extant, as the ... prise hundreds of Experiments, Letters and Essays ... Culture of Cotton, Rice, Coffee and Tobacco; Grapes ... berries, and all other Fruits, with the Culture of ... tor Beans, Flax, Hemp, &c. and the Whole series ... of L. Prevost on Silk Culture, from early beginning ...

This set of Volumes would be a Library of ... valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly ...

Horticulture.

AMERICAN POMOLOGICAL SOCIETY.

It having, upon consultation with some of the Fruit Committees, been deemed advisable to hold a special meeting of the officers and committeemen of the American Pomological Society; for the purpose of a careful revision of the Catalogue, the undersigned hereby give notice that such meeting will be held on the 10th day of February, 1869, 10 o'clock, A. M., at the rooms of the *American Agriculturist* (which have been generously tendered to the Society,) in the City of New York.

It is hoped that every one will recognize the importance of our Fruit Catalogue, and also see the necessity of a special meeting for its revision, and be present thereat, to aid and assist, preparatory to the next session of the Society, to be held in Philadelphia, Sept. 15, 1869. Should it be impossible for any one to attend in person, he is urgently requested to write out his views and opinions, and forward the same to F. R. Elliott, care of Charles Downing, Newburgh, N. Y.

Contributions of fruits are also specially invited, in aid of the work to be performed. These may be directed to "American Pomological Society, care of Orange, Judd & Co., Broadway, New York."

MARSHALL P. WILDER, *President.*
F. R. ELLIOTT, *Secretary.*

EIGHT ACRES OF MUSIC.

Not long since a musical gentlemen of our acquaintance purchased a small piano of the kind offered in our premium list. His house is situated in about the middle of an enclosure of eight acres, and by listening in different parts of the field he found that he could distinctly hear the notes of the instrument when played on, from every part of the premises. Our young philosophers know that sound is caused by vibrations communicated to the air from a sonorous, body, and conveyed to the ear, passing thence through the auditory nerve to the brain. Here, then, was the air over eight acres in extent, all tremulous when a single note was struck, the whole caused by the vibration of a wire less than three feet long. It is a pleasant thought that one can thus make acres of music. Without doubt all the fine motes of dust floating in the air felt the influence, and were set to dancing after their own fashion, to the music of the piano. We have witnessed something even more wonderful than this. A pleasant thought given out by some warm-hearted writer and sent vibrating through the land by the press, has brought music to tens of thousands of hearts. Play on the pleasant strings, boys and girls, and let there be a continued and happy chorus ringing through the land.—*American Agriculturist.*

THE WASTED FLOWERS.

On the velvet banks of a rivulet, sat a rosy child. Her lap was filled with flowers, and a garland of rosebuds were twined around her neck. Her face was as radiant as the sunshine that fell upon it; and her voice was as clear as that of the birds that warbled at her side. The little stream went singing on, and with each gush of its music the child lifted a flower in its dimpled hand—with a merry laugh, threw it upon its surface. In her glee, she forgot that her treasures were growing less, and with the swift motion of childhood, she flung them upon the sparkling tide, until every bud and blossom had disappeared. Then seeing her loss, she sprang upon her feet and burst into tears, crying aloud to the stream: "Bring back my flowers!" But the stream danced along regardless of her tears; and as it bore the blossoming burden away, her words came back in a taunting echo along its reedy margin.

And long after, amid the wailing of the breeze and the flitful burst of childish grief, was heard the fruitless cry—"Bring back the flowers!" Merry maiden! who art idly wasting the precious moments so bountifully bestowed upon thee, observe in this thoughtless child an emblem of thyself. Each moment is a perfumed flower. Let its fragrance be dispensed in blessings all around thee, and ascend as sweet incense to its benevolent Giver. Else when thou hast carelessly flung them from thee, and seest them receding on the swift waters of Time, thou wilt cry in tones more sorrowful than those of the child—"Bring back my flowers!" And the only answer will be an echo from the shadowy past—"Bring back my flowers!"

VICTORIA REGIA.—This was on exhibition at Nashville, from the Insane Asylum, where grown, as Mr. Sharkey assures us, without a particle of artificial heat. The leaves were over six feet in diameter, forming a perfect circle. There were three blooms of proportionate magnitude and richness. We have never heard of this great flower being grown with such success without artificial heat, in so Northerly a latitude as this, and doubt if it has ever been done. Mr. Sharkey may feel proud, therefore, of his success.—*Dixie Farmer.*

—W. C. Flagg, says that Hale's Early Peach was decidedly in advance of any other variety in its period of ripening last year, in the vicinity of Alton, Illinois. He began packing and shipping it five days in advance of the Early Tillotson; six before Troth's Early, and fourteen before Large Early York. It is a highly colored, beautiful peach, of good quality, of great hardness and productiveness.

—Little and often, make a heap in time.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868.

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. 429 *Jackson Street.*

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Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

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Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of
WILSON, MORROW & CHAMBERLIN,
will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco.

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurious Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,
tf *Farmer Office.*

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Orchards, would pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

The Cheapest and Best

Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following serits of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle. 2 vo's., containing Torches, Waltzes Polkas, Schottisches' Rodowas, Q adrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Pianist's Album.** 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc's.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers,
277 Washington St., Boston.
C. H. DITSON & Co., 711 Broadway, New York.
31-1

HALL'S PATENT FOR PRESERVING EGGS.

We have refrained hitherto, from saying much upon this subject, until we had the opportunity of demonstrating the claims of the patent for ourselves. We have accordingly, put up a few eggs, to test the matter, and have them now, as put up months ago. We invite parties, to call and see these eggs, and examine for themselves. They possess the whiteness, clearness and freshness of the newly laid egg, and they froze, as a new egg, which cannot be said of any preserved egg we know of.

The cheapness and the saving of time, over every other process, may be considered in its favor. The parties in New York, are making arrangements to secure the Patent in all Europe, and it runs yet, 16 years in the United States. Cost of putting up a barrel—1 as than 50 cents, and the time, does not exceed 10 minutes. Rights for sale by Warren & Co. Farmer Office, San Francisco.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY
State Agricultural Society, 1867,
TO THE
Natoma Vineyard:
BEN. N. BUGBEY, Proprietor.
Postoffice address Folsom, Cal. 28-2.

C. CROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co.,
Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.
Farmer Office 320 Clay street, San Francis

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessee for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS,

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the ollowing Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,
30 8 Mt Hope Nurseri Rochester, N. Y

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....MARCH 4, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, [illegible] Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for one insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

Special Notice.

We desire to direct the attention of our readers to the advertisement of the American Watch Company, in another column. This Company is the pioneer of Watch-making in the United States, and has grown in the short space of fifteen years to the largest Watch Manufacturing establishment in the world. This fact, in connection with another important fact—that their Watches are now selling at less prices in greenbacks than the gold prices asked before the war—illustrates the great success of the Company.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a. our office, or addressing EDITOR FARMER

INAUGERATION DAY.

To-day, President Johnson retires from the Presidency, and Gen. Grant assumes the reigns of our National Government.

To-day is written upon the records of our National Escutcheon these words:

"LET US HAVE PEACE!"

If we can read the signs of the times correctly, our Nation "will have peace" for we believe Gen. Grant will adopt the rule of WASHINGTON in his appointments, and in his removals, and this will be his motto:

"IS HE HONEST? IS HE CAPABLE?"

If these questions are answered in the favor of the applicant "all is well," if not, there will be no possible hope for a mere "Office-Hunter," and this will save our Country from numberless evils and a waste of the Public Treasure.

We do not believe that Gen. Grant will *ever* become a *partizan* PRESIDENT; but on the contrary he will lay aside all partizan feeling and labor for truest interest of the whole country.

Gen. Grant will have an opportunity to prove to the world that he is indeed, the *True Friend of Peace*; for he will stand almost in the same relation to our Nation and the People that the Beloved Washington stood, The Leader of our Armies and a Victorious General, who returning from The Battle Field crowned with the emblems of Victory, lays down the Sword of Battle to assume the sceptre of Peace as the Ruler of a People whose Nation he has saved.

With such a history before him and such an opportunity for establishing an enduring Fame by FAITHFULLY ADMINISTERING *the* GOVERNMENT over which he has been called to preside, it cannot be doubted but what the NEW ADMINISTRATION will be one of Wisdom that will lead to great Prosperity.

PRUNING EVERGREENS.

All Evergreens need a careful attention now. Every species need attention in order to have the *form* of the tree *beautiful*, not those unsightly *monumental cones* that disgrace our Public squares and give them the appearance of a *Graveyard*, but such care to shape them as to have them show graceful pendant branches, not the pyramidal stiffness of a tomb ornament, but that lively, open, yet compact form in which alone can make them beautifully natural.

More than *three-fourths* of our Evergreen and ornamental trees are spoiled because their care is entrusted to very unskillful men; those who often-er can neither read nor write, yet call themselves *Gardeners*. Those who do not wish to sacrifice years of labor and years of time should never entrust a Garden to an unskillful man. An hour's bad work, will take years to redeem.

EARLY BLOSSOMING.—Notwithstanding the very cold weather experienced for some time past in the country and the cold north winds so very prevalent, together with serious frosts in many places, yet we see the Apricot and Peach trees are coming into blossom in many places.

This is a good time to go over such trees and cut away all dead wood and all useless sap wood, suckers, etc. Such attention would increase the crop over 25 or 50 per cent.

CULTIVATE THE FIG.

There is no Fruit more easily grown, none of so rapid growth, and none that comes to so early fruiting as the Fig, and certainly none that is richer or more delicious, and none that will pay better in our market for a careful culture.

We have often called the attention of our own orchardists to this Fruit as one that will pay well for a judicious care and attention to its culture.

The "Fig" in its *fresh state*, requires time to become a favorite with many, like the "Tomato" it is not liked at first, but when its qualities are appreciated, it will always become *the* favorite, for it is one of the most *healthy* and nutritious as it is one of the most delicious of all fruits.

The fruit of the Fig tree was in large demand the last year and there was only a limited supply, and then at full prices and generally of the common "Black Fig" of California.

The best varieties to grow are the Brown Turkey, a very large Fig, the White and Brown Ischia and several other of the Mediteranean varieties, each and all of them very prolific in their bearing, and always very profitable to raise.

There should be more attention to the cultivation of the Fig in every section of our State as the demand for this fruit will increase every year.

HIGH HEELS.—The *Scientific American* tells its readers what every physician and student of physiology knows about the silliness and harmfulness of wearing high-heeled shoes. When the heel is raised, as is the prevalent custom, the bones of the thigh, pelvis, and leg, as well as the foot, are thrown into an abnormal position; and while the bones maintain their plasticity, the effect of such unnatural tension is sure to be perpetuated in the shape of crooked shins, bandy legs, elephantine toe joints, and a cramped, ungraceful gait.

—"A three year old" neighbor saw a drunken man "tacking" through the street. "Mother," said he, "did God make that man?" She replied in the affirmative. The little fellow reflected for a moment, and then exclaimed, "I wouldn't have done it."

—Riches got by fraud are dug out of one's own heart, and destroys the mind.

ELOQUENT PREACHING PAYS.

"Without a Parable spake he never a word."

We copy the following remarks relative to the distinguished Divine's name from the "Newburyport Herald," and the great interest shown to secure Pews in his church and sit under his eloquent preaching.

There can be no question but that this interest arises entirely from the fact that "Henry Ward Beecher" preaches to *interest his hearers*, and to do this, he speaks *from the heart*, and it *goes to the heart*, his people go to church, they ask for the *bread of truth* and he *feeds them*.

It has always appeared very strange to us that in a land so full of LIVING TEXTS for the PREACHER, these Ministers of JESUS CHRIST, seem to forget that their Lord and Master set them the example how to preach.

"Without a Parable spake he never a word."

We believe it is too late now, (in this age of progressive truth) to *preach long sermons*, for there is a parable against long sermons, and certainly many of the Theological sermons that are sent forth Sabbath after Sabbath, if the Preacher could but hear the remarks of the mass of his hearers, he would certainly conclude that *they* at least felt that when they came to church if they had

"Asked for Bread, he had given them a Stone."

There can be no question, that we have too much sermonizing, and too little faithful eloquent preaching, such as that which "going from the heart is sure to reach the heart".

If the BLESSED SAVIOUR, knowing what kind of preaching was best for poor frail erring humanity has left an Example for those who claim to be his Disciples, aye *Teachers* of his Disciples, then in Heaven's name let them follow it.

We believe there is no other spots of God's fair earth so full of *living Texts*, as this *fair land of* CALIFORNIA; all the most powerful words of the "Old Prophets" here seem to be "Literaly fulfilled" and these texts could be brought home to the minds of the people by any eloquent preacher whose *Heart* is in his work, one who preaches more to convert men from the *error of their ways* than for a "*Large Salary.*"

How striking are the following:

"The Hills and Mountains are full of Gold and Silver."

A Land flowing with Milk and Honey."

"The Desert shall rejoice and blossom as the Rose."

"The Mountains shall be laid low, and the Vallies filled."

These and a thousand texts of a practical nature as applying to the daily labors, toils and researches of men of all clases in our midst, could be made the text for an Eloquent Preacher whose heart was in the work for the welfare of men, and the conversion of men from the errors and sins by which they are surrounded.

It was this kind of Preaching that made *Christ* so successful and drew to him the crowds that followed him. It is this kind of Preaching that makes Beecher so successful and it was this kind of Preaching that made the ever to be lamented "Starr King" so successful while living, and his Memory so cherished now.

When our Preachers shall nevers speak "without a Parable" and these parables taken from the daily life and surroundings of our people, we shall have *more Popular Preachers, better filled churches*, less desecration of the Sabbath day, more children in our Sabbath schools and less in our streets, House of Industry, and House of Correction, but until we do, evil will increase in our midst.

Here is the paragraph to which we allude—

"The rent of Pews at Ward Beecher's church, for 1869, bringing in the total, $92,000, is a most remarkable fact. It was never equalled before: and shows how much better eloquent speaking suits, than sermonizing. His Sunday addresses, are published every week; but we don't remember ever to have seen a sermon from him, unless putting a passage of Scripture over an address makes that address a sermon. What he says—oftentimes very good—might as well be preceded by the proverbs in common use—as a series of Timothy Titcomb's essays were—as by anything from the Bible; but in all that we have read from him, we don't remember a single instance in which he attempted to explain the spiritual significance of the language; and failing in this first and paramount point, he might as well talk morally, pleasantly and usefully, under the head of some wise sayings from Robert B. Thomas's Almanac, as under words of Job, Solomon and Paul."

We here also add an article from "Forney's Press," which aptly illustrates a kind of Preaching to which many congregations are too often called upon to suffer from—this is a kind of Preaching that will never convert the world.

"UNFAIR PREACHING.—A correspondent of a contemporary, protesting against the preaching of long sermons, dwells with a particular sense of injury upon the tactics employed last Sunday by his own clergyman. "I appeal," he says, "to you and to the public whether this was fair, viz.: to say "Lastly;" then after a long interval, "Finally;" then "Time permits me to say no more than these last words:" then, "conclude;" then "Just once more," and yet go on and on as if the sermon had only just commenced? Further was it fair, after coming to the end of a pathetic description, which I venture to say nine tenths of the congregation took to be the end of the sermon, to use the words "And now," in the accustomed tone, which caused me and some others to rise with commendable alacrity, and yet to follow them up, not with the well-known formula, but with "Once again?"

We hope for the cause of Religion and Morality, the world will advance in this work of Reformation among Preachers.

—A dandy inquired at a fruit stall, "Are these apples fit for the hogs to eat?" "Try 'em and see," said the woman.

STEAM CULTIVATION.

From personal observation of the application of steam power in cultivation, together with a careful and extended examination of numerous reports by inspecting committees and practical farmers in Europe, who have had large experience in its use, I am convinced that it can be adopted in this country with great facility and profit; and that it is the desideratum, the great thing now needed, to raise and advance farming to the highest scale of prosperity and dignity, in which men of the best minds, highest culture, and broadest views, will delight to engage and find scope for enlarged intellect and ambition. Pecuniary gain should not be the sole measure of benefits in estimating the value of any apparatus or system; the facilities and leisure for mental elevation and enjoyment, with the increased dignity and efficiency in the profession which will be promoted by its adoption, are legitimate and weighty results to be regarded in determining the question of approval.

The profession of agriculture is the foundation and support of all other industries, and consequently the most important of all; hence it should receive the encouragement of inventive genius and have all attainable aids of mind and machinery to make it useful, profitable, and attractive to the highest degree; everything practicable should be done to raise it from its present character of dull drudgery to its just and proud position among liberal and respected professions. The delights of brain-work must, to a greater extent, relieve the toil of physical efforts; mechanical or scientific power, which can suffer neither pain nor fatigue, should be made, as far as possible, to take the place of animal muscles, which do suffer pain and fatigue and become exhausted.

Improvements in agricultural operations must keep pace with the progress of other vocations, such as manufactures, commerce, and the professions. Nothing should be left undone which we can fairly effect, to increase the yield, cheapen the cost, and lighten the labor of obtaining the productions of the earth; we cannot render too cheap or too plentiful the necessaries of life; while at the same time, the operations of production should be made as attractive and respectable as possible, that intelligent minds may find as much inducement to engage in this as in any other of the pursuits of civilized life. Mind must be permitted more and more to predominate over muscular labor, and, as far as may be, machinery must take the place of animal forces in farm operations, as in other pursuits of civilization.

Unless the farmer keeps pace with the spirit of the age, uniting art with science, he will find himself in an inferior grade, where he will enjoy less of the blessings, treasures, and refinements of life, and endure more hard work than other classes; for the experience of all enlightened communities proves that the necessaries of life, as well as its luxuries, are cheapened and improved in the same proportion as the ingenuity of the mind guides the power of the muscles, and the mechanical powers supercede the animal forces.

STEAM CULTURE IN EUROPE.

Steam power has in Europe become extensively employed in farm operations generally, such as harvesting, thrashing, and grinding grain, cutting feed, sawing wood, &c; but the principal object of this article is to furnish a history, with the results of its application in the cultivation of the soil in different localities and on various kinds of lands, that parties may judge for themselves from their own standpoint and necessities whether to avail themselves of its use. It is not my purpose to advocate or favor any particular machine or system, but to state facts generally, and leave those interested to choose which, if any, tackle or system will be best adapted to their particular case.

I might multiply testimony upon the subject under a great variety of managment and circumstances, showing equally varied degrees of success, but, as with everything else, the results depend upon the care, system, energy, and intelligence which are brought into the business as well as upon circumstances and conditions; and much depends, to, upon a wise adaptation of machinery and labor to the special requirements of individual cases. This paper will be confined almost entirely to facts, to practical experience, and official reports, drifting very little into theory or conjecture.

The earliest recorded attempt to apply steam power to the cultivation of land was stated by Mr John C. Sutton, of Shirly, at a meeting of the English Farmer's Club, as published in the Farmer's Magazine, as follows:

"The first attempt appears to have been made as far back as 1618, was revived in 1634, and at various periods since, attempts of more or less importance have been made up to 1854. We find in 1854 the late John Fowler exhibited his steam draining plough at the Royal Society's meetings, and in the journal of that society is the remark, that surely this great power can be applied to more general purposes, and we commend the idea to engineers and mechanics; and the suggestion has not been overlooked, as subsequent successes amply prove."

As early as 1832 Mess Heathcote and Parker, of England, employed traction steam engines in clearing and cultivating a large tract of marshy ground, lying between Manchester and Liverpool, which had been considered unreclaimable by any other means then on hand.

It is computed that more than half a million dollars ware expended in experiments for steam culture in England, up to 1858, before it became a practical success; and inventors in this country might not find it altogether useless to give careful study and attention to experiments and results in that country while pursuing efforts to perfect machines adapted to our wants.

From several reports of committees, published in the journal of the Royal Society of Agriculture in England, for 1867, are condensed the following statments relative to the results of steam cultivation in that country, the facts given suggesting many useful hints to farmers:

Editor's Chair,

[Here we shall hold our special weekly ... our Readers and Correspondents, and ... call their attention to such articles in ... *our Journal*, to which we would direct ... attention.]

It was our pleasure to be at "Monticello" (the "Monticello" of Thomas Jefferson) in ... sa Valley, Napa County, this brightmorning ... an appopriate name and place for "Insect ... Day," from which visit we gather many ... ting items for our "Rambles in the Country" ... shall speak of this place in our next.

We have many letters, received during ... sence which shall have our prompt care.

RAMBLES No. 3, SPRING TIME, will be ... next week, including San Jose Nurseries ... Houses, Napa, the Berryessa Valley, etc.

MASSACHUSETTS LEGISLATION FORTY YEARS ...—We would ask special attention to the ... and interesting memorial which we publish ... week's issue. It shows the deep interest ... "Old Bay State", took in early days for ... Improvements."

The Essay on Steam Cultivation, by D. ... tiss, of Madison, Wisconsin, should receive ... tion from our Farmers as of great moment ... take it from the Reports of the Agricultural ... reau at Washington, and shall publish more ... same subject.

MEN AND ANIMALS.—We call the special ... tion of our Stock Men and Farmers ... the most excellent essay upon the "Sympathy ... tween Men and Animals" which we take ... Eastern exchange.

The truths here presented should make ... impression upon every man who ever ... contact with any class of animals. There ... albe lessons to be learned in this essay.

A CHAPTER ON AIR.—This is worth ... is one of the lessons taught by wisdom, ... ered by experience. Taken from Dr. ... new Book, "How to treat the Sick without ... cine."

DEATH AT THE TOILET.—Here we ... lady readers with a sketch, to show ... *Tyrant Fashion* will do. The story will ... itself.

A WOMAN'S ADVOCATE.

We have received No. 1 of *The El Dorado*, ... new journal just established in our ... El Dorado Publishing Association, to be ... Printed and Published by Women and ... to advocate the *true interests* of the ... Pacific Coast. This journal will be ... Francis Anne Stuart, and Mrs. E. Swift, ... ness Manager.

The Association is incorporated with ... of $20,000. The journal is neatly printed ... page paper and wears a handsome face. ... shall we be to see a good journal of this ... per.

THE ROAD TO SUCCESS.

Horace Greeley, the Veteran and Noble ... of the New York *Tribune*, thus pictures the ... success, and we would earnestly call the ... of all Young Men who are entering upon ... of active life to ponder well upon this ... which so admirably points out the Road to ... cess:

"A true and noble success is within the ... of every human being who rightly appreciates ... will diligently seek it. It may very well ... other than the aspirant meditates—it may ... seem defeat to the superficial observer—but ... still reigns, and no heroic and unselfish ... ever really be defeated. If five thousand ... fill the Presidential chair, it is very certain ... all cannot have precisely that outward ... stamp of success they covet; but, were ... thousand, and their aspiration rather ... than circumstantial, to enlighten and ... countrymen rather than rule them, there ... ple work and scope for them all. ... privileged to teach thousands to loathe ... frivolity, display and vice, and love ... briety, modesty and virtue, while ... cates the same lessons only in a narrow ... neighborhood, unpraised, unsung, ... save in the books of the Recording Angel. ... scope of influence in these two cases is ... but the measure of essential success is ... Who ever has learned to find delight ... good, and in nothing inconsistent ... do whatever good is within his reach, ... pine that his opportunities are such only ... en has been pleased to vouchsafe him—... esteem his life a failure. Should sickness ... ality confine him for years to a bed of ... and dependence, he will thenceforth ... glow of heartfelt resignation, or benign ... of grateful piety, whereof the influence ... fused more widely and enduringly than ... have imagined. In the ever proceeding ... Good against Evil, Right against Wrong ... against Error, there can be no real defeat ... solute discomfiture—only postponement ... and the ill-success of a misdirected attack ... wisely planned manovere. In that great ... whoever plants himself firmly on the side ... is allied with all the moral forces of the ... and is certain of ultimate triumph. The ... the base, the selfish and the sycophantic ... seem to flourish for a season; but their ... soon passes away and is forgotten, ... good to stand forth like the evergreens ... est in Winter, when the Summer foliage ... dwarfed and obscured them, lies shrivelled ... feet. Happy they who learn in childhood ... treasure through after trials and temptations ... grand lesson of the age—the philosophy ... to noble ends.

Family dismemberment," is the Chicago ... for divorce.

SPENT AND MISSPENT.

Stay yet a little longer in the sky;
O golden color of the evening sun!
Let not the sweet day in its sweetness die,
While my day's work is only just begun.

Counting the happy chances strown about
Thick as the leaves, and saying which was best
The rosy lights of morning all went out,
And it was burning noon, and time to rest.

Then leaning low upon a piece of shade,
Fringed round with violets and pansies sweet
My heart and I, I said, will be delayed,
And plan our work while cools the sultry heat

Deep in the hills and out of silence vast,
A waterfall played up his silver tune—
My plans lost purpose, fell to dreams at last,
And held me late into the afternoon.

But when the idle pleasure ceased to please,
And I awoke, and not a plan was planned,
Just as a drowning man, at what he sees
Catches for life, I caught the thing at hand.

And so life's little work-day hour has all
Been spent and misspent doing what I could,
And in regrets and efforts to recall
The chance of having, being, what I would.

And so sometimes I cannot choose but cry,
Seeing my late sown flowers are hardly set—
O darkening color of the evening sky,
Spare me the day a little longer yet!

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Redivivia, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Lum*" or "Pileem-sad-lise-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this root can be found, and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of this Journal.

COATS, BROS' WOOL CIRCULAR.

PHILADELPHIA, Feb. 1, 1869.

January has been characterized by much more activity in the Wool market than has prevailed for the two previous months. Sales of low and medium fleeces and super-pulled are largely in excess of the same period last year, although at a very considerable advance in price. Ruling rates for these descriptions have been from eight to ten cents higher on the fleece and pulled, and from ten to twelve cents higher on the tub wools, than for the same time last year. This however, has been occasioned more by the great scarcity of these descriptions, than from any corresponding advance in goods that would warrant so great an advance in this staple. The finer wools being in larger supply, have not experienced the same advance, and are now selling at comparatively low prices, in many cases actually lower than the coarser grades.

While there is at present the prospect of a very large and prosperous spring trade in dry goods of all descriptions, woolen and cotton, and with the knowledge that the country has been gleaned of wool of all grades to an extent rarely known before at this season of the year, yet the holders of fine wools continue to be free sellers, even at the present low prices, rather than hold for advanced rates based on prospective improvement in the goods market; for it is undeniably true that the prices at which most description of woolen goods have been selling for some months past will not warrant much advance on present prices, even of the fine wools. With the prospect of a very large and healthy trade for all wares and merchandise from all the Southern States, as well as from the West, based on the good crops and favorable prices of the past season, the indications are that we shall have a very active trade in wool during the next two months, which will prove satisfactory to both manufacturers and dealers.

The amount of pulled sold this season has been unusually large, owing to the great scarcity of low fleece and the unprecedented number of sheep slaughtered within the last few months. This must have the effect of causing a much shorter supply and consequently much higher prices for the next clip; but it has very materially aided all the manufacturers of coarse woolens in this neighborhood, as, without it, many mills would, of necessity, have stopped running. As it is, the prospect for all manufactures for this season is very encouraging, leaving the future to take care of itself.

The sales for the month, of Domestic Fleeces and Pulled, foot up about 2,500,000 pounds, within the range of 52 to 61 for Fleeces, and 40 to 49 for Pulled.

PRICES CURRENT OF WOOL AT PHILADELPHIA, FEBRUARY 1st 1869.

Terms of Payment:—For all descriptions of Wool, cash prices are now quoted, Time sales being reduced to a Cash basis.

DOMESTIC PULLED,

City Merino Pulled, Long	$ 44 @ 47
City Merino Short	40 " 45
City No. 1. Pulled	46 " 48
Western Merino	40 " 45
Western No. 1	44 " 46

CALIFORNIA.

Fine Unwashed Fleeces	$ 34 @ 37
Medium Unwashed Fleeces	33 " 36
Common Unwashed Fleeces	30 " 33

COATES, BROTHERS,
Nos. 127 and 128, Market St.

WALTHAM WATCHES.

The extensive use of these watches for the last fifteen years by Railway Conductors, Engineers, and Expressmen, the most exacting of watch-wearers, has thoroughly demonstrated the

STRENGTH, STEADINESS, DURABILITY: AND ACCURACY

of the Waltham Watch. To satisfy this class in all these respects, is to decide the question as to the real value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a guarrantee of their superiority over all others.

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works at Waltham enable them to produce watches at a price which renders competition futile, and those who buy any other watch, merely pay from 25 to 50 per cent. more for their watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in greenbacks, than the gold prices before the war. There is no other manufacture of any kind in the United States of which this can be said.

THESE TIME PIECES

combine every improvement that a long experience has proved of real practical use. Having had the refusal of nearly every invention in watchmaking originating in this country, or in Europe, only those were finally adopted with severe testing by the most skillful artisans in our works, and long use on the part of the public demonstrated to be essential to correct and enduring timekeeping.

Among the many improvements we would particularize:

The invention and use of a

ENTRE PINION,

of peculiar construction, to prevent damage to the train by the breakage of main springs, is original with the American Watch Company, who having had the refusal of all other contrivances, adopted Fogg's Patent Pinion as being the best and faultless.

Hardened and Tempered Hair-Springs,

now universally admitted by Watchmakers to be the best, are used in all grades of Waltham watches.

ALL WALTHAM WATCHES

have dust proof caps protecting the movement from dust, and lessening the necessity of frequent cleaning, necessary in other watches.

OUR NEW PATENT STEM WINDER

or keyless watch, is already a decided success, and a great improvement to watch in the American Market, and by far the cheapest watch of its quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the United States where watchmakers do not abound, watches with the above mentioned improvements which tend to insure accuracy cleanliness, durability and convenience, must prove invaluable.

Every watch bearing the trade-mark of Waltham is guaranteed to be a thoroughly reliable time-keeper,

To prevent imposition, buyers should invariably demand a certificate of genuineness.

The trade supplied by Messrs. R. B. Gray & Co., San Francisco, Cal., and generally for sale at retail by all respectable dealers.

For other facts and information, address

ROBBINS & APPLETON, Gen'l Agents.
31-4 128 Broadway, New York.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,
37 and 39 SECOND STREET,
SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

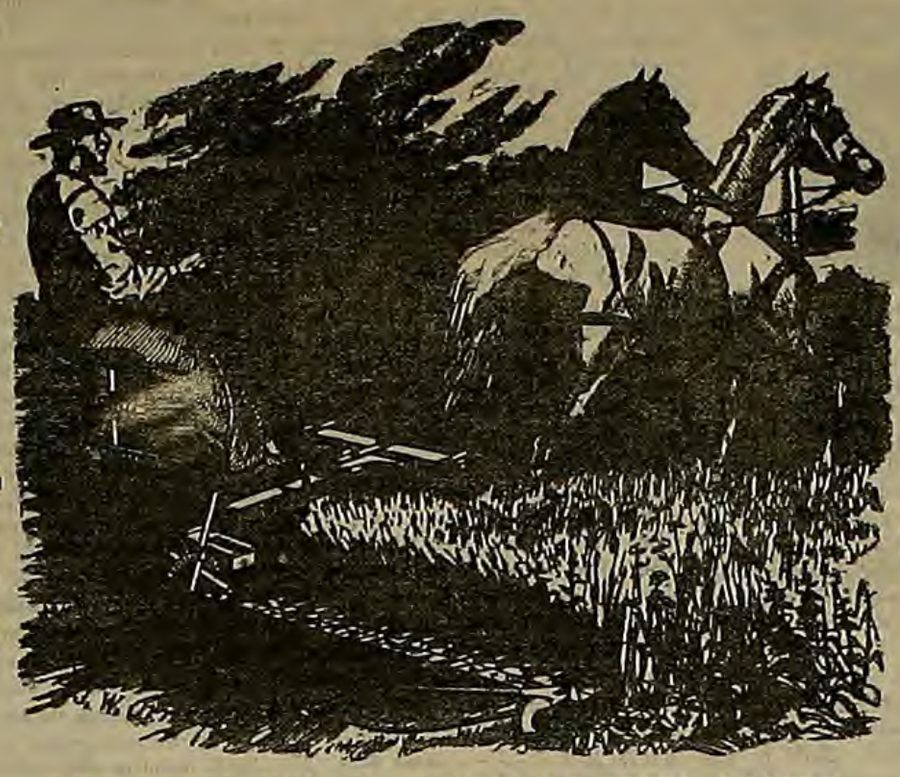
Address WARREN & CO.,
Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

THE KIRBY CLIPPER MOWER!

IT HAS THE **INDEPENDENT Action!** IS ALL OF **IRON & STEEL** AND OF REMARKABLY **Light Draft!**



THIS IS THE **LIC TEST! CHEAPEST!** AND **Best Single Mower!** IN THE MARKET.

THE KIRBY MOWER AS SEEN ON LEVEL GROUND.

ONE HORSE can work it by putting on Shafts in place of the Pole and then cut TEN ACRES A DAY. Length of cut, four feet two inches.

When you order EXTRAS for this machine, always state the NUMBER OF THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it. By carefully preserving the circular, you can always order your Extras by number and by name. The parts illustrated on this sheet are for the Combined Machine, but the Clipper parts do not differ from them in name except in a very few instances.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose.)

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINTS of your guards LOW by means of the forward bolt in the pole where it bolts to the machine; IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL.

Be sure and keep all the Nuts tight and the Journals well oiled, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the Joint tight where the Pitman connects with the Knife, and then your Machine will work well without trouble or expense.

The nature and working of this Machine may be well illustrated by the following incident:

Our General Agent was in Oregon, setting up and starting a machine for a party that wanted to buy 'if it suited and would cut anywhere." He led the way around the field followed by the Agent driving the Machine; as he was led off from smooth ground to where it was rough and boggy, and where it had never been cut over before, the driver simply bore his weight back in his seat, thus elevating the heel of the finger bar and holding it there with his weight, and at the same time elevated the outer end of the bar with the lever at his right, following CLOSE UP to his leader until the level ground was reached again; then he dropped the bar again, having followed the purchaser close all the way through. His curiosity was roused to know how the Machine was brought through without getting STUCK, and the reply was "it was not made to STICK, it was made to go." He followed the Machine around once, and then got on and drove around twice, when a neighbor said: "Mr. Withim how do you like the Machine?" His reply was: "To tell the truth it is a little the nicest Machine I have ever seen, for I can sit here and work my hand and feet and balance the Machine with my weight, all at the same time, I will have to keep it," and paid his money down on the Machine.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

TREADWELL & CO.,
Sole Agents for the Pacific Coast.

30-22—no1

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.
Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.
Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.
New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry*, *Blackberry*, and *Strawberry*, we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davison Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these ne and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

Country Homes Wanted

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

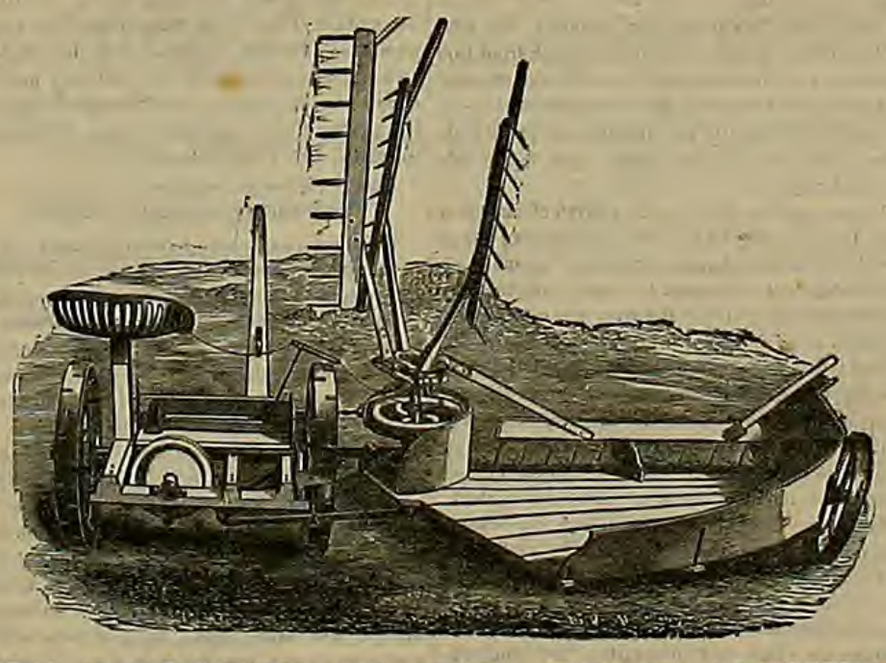
Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK.
SAN FRANCISCO.
PORTLAND.



THE BUCKEYE IS THE BEST MOWER.

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER.

MARCUS C. HAWLEY & CO.,
108 & 110 Front St., San Francisco,
SOLE AGENS FOR THE
BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER!
ALSO, THE GENUINE
HAINES' HEADER,
Manufactured at Pekin, Illinois. Also
Hollingworth's Wheel Horse Rake,
The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS.

And a COMPLETE STOCK of
Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.,
31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Home Miscellany.

DEATH AT THE TOILET.

[*From the Diary of a late London Physician.*]

"'Tis no use talking to me, mother, I *will* go to Mrs. P——'s party to-night, if I die for it—that's flat! You know as well as I do, that Lieutenant N—— is to be there, and he's going to leave town to-morrow—so up I go to dress."

"Charlotte, why will you be so obstinate? You know how poorly you have been all the week, and Dr. —— says late hours are the worst things in the world for you."

"Pshaw mother! nonsense, nonsense."

"Be persuaded for once, now, I beg! Oh dear, what a night it is too—it pours with rain, and blows a perfect hurricane! You'll be wet and catch cold, rely on it. Come now, won't you stop and keep *me* company to-night? That's a good girl!"

"Some other night will do as well for that, you know; for now I'll go to Mrs. P——'s, if it rains cats and dogs. So up—up—I go!" singing jauntily.

"Oh she shall dance all dressed in white, so ladylike."

Such were, very nearly, the words, and such the manner in which Miss J—— expressed her determination to act in defiance of her mother's wishes and entreaties. She was the only child of her widowed mother, and had, but a few weeks before, completed her twenty-sixth year, with yet no other prospect before her than bleak single-blessedness. A weaker, more frivolous and conceited creature never breathed—the torment of her amiable parent, the nuisance of her acquaintance. Though her mother's circumstances were very straightened, sufficing barely to enable them to maintain a footing in what is called the middling genteel class of society, this young woman contrived by some means or other to gratify her penchant for dress, and gadded about here, there, and everywhere, the most showily dressed person in the neighborhood. Though far from being even pretty-faced, or having any pretensions to a good figure, for she both stooped and was skinny, she yet believed herself handsome; and by a vulgar, flippant forwardness of demeanor, especially when in mixed company, extored such attentions as persuaded her that others thought so.

For one or two years she had been an occasional patient of mine. The settled pallor, the sallowiness of Her complexion, conjointly with other symptoms, evidenced the existence of a liver complaint; and the last visits I had paid her were in consequence of frequent sensations of oppression and pain in the chest, which clearly indicated some organic disease of her heart. I saw enough to warrant me in warning her mother of the possibility of her daughter's sudden death from this cause, and the imminent peril to which she exposed her self by dancing, late hours, &c.; but Mrs——'s remonstrances, gentle and affectionate as they always were, were thrown away upon her headstrong daughter.

It was striking eight by the church clock, when Miss J——, humming the words of the song above mentioned, lit her chamber-candle by her mother's and withdrew to her room to dress, soundly rating the servant girl by the way, for not having starched some article or other which she intended to have worn that evening. As her toilet was usually a long and laborious business, it did not occasion much surprise to her mother, who was sitting by the fire in their little parlor, reading some book of devotion, that the church chimes announced the first quarter past nine o'clock, without her daughter's making her appearance. The noise she had made over head in walking to and fro to her drawers, dressing table, &c., had ceased about half an hour ago, and her mother supposed she was then engaged at her glass, adjusting her hair, and prepairing her complexion.

"Well, I wonder what can make Charlotte so very careful about her dress to-night!" exclaimed Mrs. J——, removing her eyes from the book, and gazing thoughtfully at the fire; "Oh! it must be because young Lieutenant N—— is to be there. Well, I was young myself once, and it's very excusable in Charlotte—heigho!" She heard the wind howling so dismally without, that she drew together the coals of her brisk fire, and was laying down the poker when the clock of —— church struck the second quarter after nine.

"Why, what in the world can Charlotte be doing all this while?" she again inquired. She listened—"I have not heard her moving for the last three-quarters of an hour! I'll call the maid and ask." She rung the bell, and the servant appeared.

"Betty, Miss J—— is not gone yet, has she?"

"La, no, ma'am," replied the girl, "I took up the curling irons only about a quarter of an hour ago, as she had but one of her curls out; and she said she should soon be ready. She's burst her new muslin dress behind, and that has put her into a way, ma'am."

"Go up to her room, then, Betty, and see if she wants any thing; and tell her it's half past nine o'clock," said Mrs. J——. The servant accordingly went up stairs, and knocked at the bed-room door, once, twice, thrice, but received no answer. There was a dead silence, except when the wind shook the window. Could Miss J——have fallen asleep? Oh, impossible! She knocked again, but unsuccessful as before. She became a little flustered; and after a moment's pause, opened the door and entered. There was Miss J—— sitting at the glass. "Why, la, ma'am!" commenced Betty in a petulant tone, walking up to her, 'here have I been knocking for these five minutes, and" ——. Betty staggered horror-struck to the bed, and uttering a loud shriek, alarmed, Mrs. J——, who instantly tottered up stairs, almost palsied with fright. Miss J—— was dead.

I was there within a few minutes, for my house was not more than three streets distant. It was a stormy night in March, and the dessolate aspect of things without—deserted streets—the dreary howling of the wind, and the incessant pattering of the rain—contributed to cast a gloom over my mind, when connected with the intelligence of the awful event that had summoned me out, which was deepened into horror by the spectacle I was doomed to witness. On reaching the house, I found Mrs. J—— in violent hysterics, surrounded by several of her neighbors who had been called in to her assistance. I repaired instantly to the scene of death, and beheld what I shall never forget. The room was occupied by a white-curtained bed. There was but one window, and before it was a table, on which stood a looking-glass, hung with a little white drapery, and various paraphernalia of the toilet lay scattered about—pins, brooches, curling-papers, ribands, gloves, &c. An armed-chair was drawn to this table, and in it sat Miss J ——, stone dead. Her head rested upon her right hand, her elbow supported by the table; while her left hung down by her side, grasping a pair of curling-irons. Each of her wrists was encircled by a showy gilt bracelet. She was dressed in a white muslin frock, with a little bordering of blonde. Her face was turned towards the glass, which, by the light of the expiring candle, reflected with frightful fidelity the clammy fixed features, daubed over with rouge and carmine—the fallen lower jaw—and the eyes directed full into the glass, with a cold dull stare that was appalling. On examining the countenance more narrowly, I thought I detected the traces of a smirk of conceit and self-complacency, which not even the palsying touch of death could wholly obliterate. The hair of the corpse, all smooth and glossy, was curled with elaborate precision, and the skinny sallow neck was encircled with a string of glistening pearls. The ghastly vissage of death thus leering through the tinselry of fashion—the "vain show" of artificial joy—was a horrible mockery of the fooleries of life.

Indeed, it was a most humiliating and shocking spectacle. Poor creature! struck dead in the very act of sacrificing at the shrine of *female vanity*. She must have been dead for some time, perhaps for twenty minutes, or half an hour, when I arrived, for nearly all the animal heat had deserted the body, which was rapidly stiffening. I attempted, but in vain, to draw a little blood from the arm. Two or three women present proceeded to remove the corpse to the bed, for the purpose of laying it out. What strange passiveness! No resistance offered to them while straighted the bent right arm; and binding the jaws together with a faded white ribon, which Miss J—— had destined for her waist that evening.

On examination of the body, we found that death had been occasioned by disease of the heart. Her life might have been protracted, possibly for years, had she but taken my advice, and that of her mother. I have seen many hundred of corpses as well in the calm composure of natural death, as mangled and destorted by violence; but never have I seen so startling a satire upon human vanity, so repulsive, unsightly, and loathsome a spectacle, as a *Corpse dressed for a ball.*

THE LIGHT HEARTED PEOPLE.

There are people who habitually make the best of things, not from any shrinking from pain on their own account or for others but simply from a natural and unconquerable lightness of heart. These people supply the oxygen of the moral atmosphere, and should be maintained at the public expense to keep it sweet and pure. Even if instead of being, as they generally are, active and otherwise estimable members of society, they did nothing but enjoy life, they would still be worth cultivating for the sake of the light and heat which they kindle. The only difficulty is how to regulate them. They are so irresistably impelled to sing songs that, in a world where heavy hearts are unfortunately common, it is difficulty always to keep the vinegar and nitre apart. It is unreasonable to expect any great consideration for the susceptibilities of melancholy people from the constitutional cheerful, because the very fact of their being so implies a certain degree of insensibility, which involves a corresponding amount of blindness to other people's sensibility. A genuine cheerful person makes the best of your troubles because they really do not appear to him very distressing, and it is for you to decide whether such a view will act on your mind as a tonic or an irritant.

PLANT SMALL FRUITS.

We would urge greater attention at the present time to the planting of small fruits, such as *Strawberries*, *Raspberries*, and *Blackberries*, with *Gooseberries*, and *Currants*.

Never have we had so good a season to commence the cultivation of such fruit as the present. Last year the demand for them was large, and they sold readily, and at good prices, and beyond all question the demand will be greatly increased this year.

When the Railroad shall carry off all our *large fruit*, pears, apples, and grapes, to New York; Boston, and Philadelphia, *small fruits* will bring a big price in our markets and they will pay well, so plant, and plant largely.

—"Ma, if you will give me an apple, I will be good." "No, my child, you must not be good for pay—you must be good for nothing."

—One has only to die to be praised.

AIR.

It is of very great importance in a large class of diseases that persons in order to recover should have pure air, and plenty of it, to breathe. Almost all the diseases (and they are quite plenty) which arise from deterioration of blood or from bad and imperfect circulation of it, may be said in good measure to be caused by want of proper aeration of the blood. Almost all diseases of the lungs are to be largely accounted for under defective use of air, springing either from want of it or from the impurity of it. Many of the diseases of the skin have their predisposing, and some of them their proximate origin in defective or insufficient use of air. Not unfrequently are diseases of the bowels to be attributed to the same cause. Air, therefore, may not be simply regarded with great favor as a probylactic agent—an agent whereby disease may be prevented; but as a therapeutic agent—an agent whereby disease may be cured.—But in order to have it as efficient as possible it needs to be pure atmospheric air; not such gasses as are found in cesspools, in pestilential districts of country, in large cities, in crowded halls in unventilated churches, in close and unaerated sleeping rooms, but such air as is pure, and therefore free from noxious or distructive elements.

It will take a great while for the medical world, and a good deal longer for the people at large, to learn that in the treatment of any disease arising from non-aeration of blood, no remedy can be found to work with such therapeutic surety as pure atmospheric air, rightly applied. Until the medical profession discerns this and instructs the people in it, resort will be had to all sorts of agencies supposed to be particularly curative for the overcoming of lung diseases. Meanwhile the whole system of practice will continue to be as it has hitherto been, a decided failure, and the subjects of such treatment will continue to die.

As the Psycho-hygenic treatment comes to be understood, death from diseases of any and every kind, will be steadily less frequent, until at length persons who have accepted and followed this philosophy of living, will know nothing about sickness. They will live from birth, to death by old age, without aches or pains.

And when this philosophy of life comes to be universal, sickness, except from casualities or accidents, will cease to be. Children will be born, and have no diseases in childhood, in youthhood, at adolescence, at adult or middle age, but will go from the cradle to the grave without being sick, dying *when their time comes.*

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

No one but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of FARMER Office

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest varieties of Grapes, ither in

STRONG ROOTED VINES
OR
Good Healthy Cuttings,

Can secure the very choicest. Many varieties from rooted vines, that will show fruit the present year.

THE RAISIN GRAPE,

Strong jointed vines of this very desirable grape, can be had with all others at

FARMER OFFICE.

Miscellaneous.

Santa Clara College, S. J.
SANTA CLARA, CAL.
Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S. J. President.

THE CHURCH UNION.

This paper has been recently enlarged to mammoth proportions. *It is the Largest Religious Paper in the World.* It is the leading organ of the Union Movement, and opposes ritualism, close communion, exclusiveness and church caste. It is the only paper that publishes Henry Ward Beecher's Sermons which it does every week, just as they are delivered,—without qualification or correction by him. It advocates universal suffrage; a union of Christians at the polls; and the rights of labor. It has the best agricultural department of any paper in the world; publishes stories for the family, and for the destruction of social evils. Its editorial management is impersonal: its writers and editors are from every branch of the church, and from every grade of society. It has been aptly termed the freest organ of thought in the world.

Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

The agency for the *Church Union* is the *California Farmer* Office, San Francisco, where subscriptions will be taken and copies furnished.

Send for a copy, enclosing 10 cents, to

HENRY E. CHILD,
30-22 41 Park Row, New York.

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....AND....
GALLERY OF NATURAL HISTORY AND SCIENCE,
Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORILLA, which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 29x1

New Currants.

THE GONDUIN RED.
Long Bunches, rich and delicious.
THE LA PALLEAU.
A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.
BLACK NAPLES.
Very fine for preserves and Jellies.
WHITE GRAPE.
A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.
PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental Variety
JAPAN LILLIES,
Rare Kinds ROSES,
GERANIUMS,
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FUCHIAS,
We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.
Send orders to
FARMER OFFICE.

FLAX STRAW WANTED.
THE
OAKLAND COTTON MILL
Is prepared to buy
FLAX STRAW
—DELIVERY AT PRESENT OR NEXT SEASON.—
Apply for further particulars to
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No. 5 Sansome St. San Francisco
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BRAZILIAN PEBBLES
SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

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71 No 205 Montgomery street, San Francisco.

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There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they comunicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Miscellaneous.

BOWEN BROTHERS
CHOICEST
FAMILY GROCERIES
AND DESIRABLE
Housekeeping Goods
Also
Foreign and Domestic Wines & Liquors
Of the Very Best Brands only.

A SPECIALTY of our House is always to have the Newest, Choicest, and most desirable
LUXURIES FOR THE FAMILY
at all seasons of the year.

We call particular attention at this season and the Festival Days, to the following desirable Articles:

NONE BUT THE BEST OFFERED

TEAS, every Choice Brand known.
COFFEE, Very Extra Varieties.
Sugars, Syrups, Spices,
Flour, Meal, Butter, Cheese,
Eggs, Lard, Hams, Beans,
Peas, Rice, Farrinaceous Foods,
All kinds California Dried Fruits, in extra
Table Meats, great variety,
Raisins, Prunes, Currants, Figs,
Chocolate, Cocoa, Olive Oil,
Pickles, in endless variety,
Sauces, Preserves,
Hermetically Sealed Meats,
All kinds Jellies, Jams,
Sweetmeats, &c.
Toilet Soaps, Family Soaps, Starch,
Special styles put up for use of
Fruits in Brandy,
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Condensed Coffee, Condensed Milk,
Extracts of Coffee,
Manioca, for Puddings, Custards,
Spices,
Flavoring Extracts, 1, 2 or 5 oz
Portable Lemonade,
and all needed articles of this kind.
Brooms, Brushes, Pails, Tubs, &c.

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Goods sent to every part of the city free of charge to the Steamboats at all the Wharves.

Farmers and Ranchmen in the country are invited to call on us when in the city, and examine our large and select stock of Family Groceries, which we sell at Wholesale or Retail

BOWEN BROTHERS
Corner Montgomery and California Sts, San Francisco

GARDEN GROUNDS LAID OUT

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES

to small Gardens, in our City, will be designed and laid out, and the TREES, PLANTS, Shrubs and Vines, will be supplied of the very best variety and reliable quality. All work done to complete satisfaction, by calling at the office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.
Farmer Office

Waltham Watches

The "P. S. Bartlet" movement, with extra fine Chronometer balance, Patent Dust Cap, Patent Pinion, and all other late improvements, in 3 oz. Coin Silver Hunting case, with Gold Dial, $30 coin.
The same in 4 oz. case, $30. In 5 oz. case, $

The "Waltham Watch Co." movement with Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, &c., in 3 oz case, with Gold Dial, $ coin.
The same in 4 oz. case, $33. In 5 oz. case, $35

The "Appleton, Tracy, & Co," movement, with Jewels Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, in 3 oz case, Gold Joints, &c.
The same in 4 oz case, $37. In 5 oz $40.

"P. S. Bartlet. Watch in two and a half oz case, Gold Hunting Case, $30 coin.
"Waltham Watch Co" Watch, in two and a half oz case, 18 karat Gold Hunting case, $34 coin
"Appleton Tracy & Co," Watch, in two and a half oz case, 18 karat Gold Hunting Case, $37 coin
Any additional weight at $1 per pwt, or $1.50 per oz extra.

We will send any of the above by Wells Fargo & Co's Express with bill to collect on delivery, and give the purchaser the privilege to examine the watch before paying for it. Express charges, however, to be paid by the purchaser. But if the amount of the price of the Watch is remitted to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money, drafts on Wells Fargo & Co, are preferred.

We wish it distinctly understood that these Watches are the very best, and with all the latest improvements, and that they are in perfect running order, &c., when from the manufacturer accompanies each watch. If any one does not perform well, we will exchange or refund the money.

Please state that you saw this in the California Farmer.

HOWARD & CO.
Jewelers and Silversmiths
619 Broadway

In order that all may address us with confidence, we refer, by permission, to Messrs. WELLS, FARGO & CO., or to any of their agents on the Pacific Coast.
31-4

Prang's Beautiful Chromos

Those who wish to see these most beautiful Chromos, and who wish to order the same, can see a fine collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers can nearly all be seen at our office, as we have fine copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.
Farmer Office

Miscellany.

EUROPEAN BASKET WILLOW.

Being one of the first to introduce into this State the European Basket Willow, and believing that when its cultivation is properly understood, it can be made not only one of the surest crops the farmer can grow, but also one of the most profitable, I have thought an article on this subject might not be unprofitable to the numerous readers of the *Farmer*.

The soil best adapted to the growth of the European Willow has been generally supposed to be a heavy, wet soil—nearly every plantation which has come within the range of my observation having been set on meadow land—but from experiments made on a variety of soils, I am satisfied that this is a mistake. To my surprise I have found them to make a better growth on a warm, rich, sandy loam, where either corn or potatoes would grow luxuriantly. On such soil they sometimes make growth of ten feet in one season, and will make an average growth of six to eight feet; being very straight and slim, surpassing in quality anything I have ever seen imported. Our hot sun seems exactly adapted to its growth. During our hottest days in July, in a warm soil, they will make a growth of from three to four inches in twenty-four hours, while in a wet day they grow not more than one-half an inch.

To prepare the soil for a plantation it should be ploughed and planted two years with some crop which requires the land to be well cultivated; it should also be made rich enough to produce not less than fifty bushels of Indian corn to the acre.

In transplanting the willows, tops are preferred to roots; twigs about one half an inch in diameter should be selected and cut from twelve to fifteen inches in length. As early in April as the weather will permit, the land should be well ploughed and furrowed three feet apart. In these furrows the cuttings should be set one foot from each other, not perpendicular, but on an angle of about forty-five degrees. The first year the land should be well cultivated. After this they require but very little attention except harvesting the crop.

The first years' growth should not be cut, but after the second years' growth, sometime between October and March, they should be cut as near the ground as possible. This crop is worth but little except to make cuttings for a new plantation; but after this, a valuable crop may be cut every year between December and March—February being the best month, if the weather is not too cold and and the snow is not too deep. No injury will occur to the roots if the crop is secured before the warm days in March start the circulation of sap. The canes should be bound in bundles of about fifty pounds each, and set in three or four inches of water. Sometime in May it will be found the bark will peal off very easily; they should then be stripped and sent to market.

During the past six or eight years, there has been a great demand for Basket Willow It has sold as high as eighteen cents per pound; but at six cents per pound, it yields a profit of not less than fifty dollars per acre. There is a ready sale for all that is grown and a very large quantity is imported. I have no willows for sale, nor time to answer any questions, except through the *Farmer*.

E HERSEY. *N. E. Farmer.*

Hingham, Mass., Dec. 5, 1368.

REMARKS.—The cultivation of the willow on a sand bank, or even on a warm, rich, sandy loam is a new idea to us. From our observation, as well as our reading, water and willows have become closely associated in our mind. They grow in wet places on our own farm, and wherever willows flourish we generally find them within reach of water. A late writer says that in England, where the white willow may be seen growing extensively in ten or a dozen counties, it is not grown on any but moist soil; in springy and wet situations, unfit for cultivation by reason of being too moist or wet, it may be found in quantity, but not on dry upland at all, except by the side of a ditch, or exceptionally wet places.

The common idea among cultivators of the necessity of "a heavy wet soil" for the growth of the willow is not only common but very ancient. Mr. Lowell in his recent poem, "Under the Willows," speaks of trees of that variety

> ——"that lean along the brink
> Where the steep upland dips into the marsh."

And a much older writer than Mr. Lowell speaks of "the willows of the brook" It is with much pleasure, therefore, that we publish the foregoing statement by Mr Hersey, of his success in cultivating the Basket Willow on upland. The value of his statement is enhanced by his well known caution about making any statement or recommendation which is not fully justified by his own practical experience or personal knowledge, or to which he is unwilling to affix his name. But his doing the latter should not subject him to a personal correspondence. Inquiries for further information from Mr. Hersey must be made through the *Farmer*.

—Weeds are God's policemen. They make lazy farmers cultivate the soil, which without them never would be stirred, and consequently never produce a crop. A good farmer hoes often, weeds or no weeds, but a slack fellow never uses the hoe if he can find any excuse to avoid it.

—WHEAT IN ENGLAND.—The Agricultural Gazette estimates the annual consumption of wheat in the United Kingdom as 20,000,000 of quarters, it may be a million more, and states the average yield per acre, throughout the Kingdom, at 27 bushels. An English quarter is eight bushels.

—Mankind should learn temperance from the moon—the fuller she gets, the shorter her horns become.

—If industry is no more than habit, it is at least an excellent one.

BRITISH RAILWAYS.

The amount of capital expended on railways in the United Kingdom at the close of 1868 was about 500,000,000 pounds sterling, 14,223 miles being open for traffic, of which the average cost per mile was £34,233. The traffic receipts for 1868 were £39,823,268, being £2,800 per mile for the year. The working expenses for the past two years have been just about one-half of the expenses, being 50.6 per cent, in 1867 and 49 5 per cent in 1868. The net earnings on capital in 1868 were 4.13 per cent.

The capital of railway companies, which has not been largely increased the past year, stood at the close of 1867 as follows.

Share—Ordinary	£233,023,854
" Preferred	143,209,357
Loan—Debentures	110,392,559
" Debenture stock	15,637,117
Total	£502,262,887

The numbers of passengers conveyed in 1867 were as follows:

First class	31,725,708
Second class	77,700,297
Third class and parliamentary	178,262,108
	287,688,113
Add periodical tickets	119,791

The receipts from passengers were £15,909,705, the average being 1 shilling and 1¼ penny per passenger.

The receipts from luggage, parcels, horses, carriages and dogs, were £1,453,571.

The receipts from mails were £575,358, being about £40 3s. per mile. The general rate of compensation to railways for carrying the mails in the United States has been $150 per mile.

The general merchandise conveyed amounted to 46,474,037 tuns, the receipts from which were £13,655,890, averaging 5 shillings 7¼ pence (being $1 35, coin per tun.

Minerals of all descriptions conveyed amounted to 98,633,791 tuns, the receipts from this traffic £7,640,878, an average of 1 shilling 6½ pence (or say 37 cents coin) per tun.

Of live stock carried, there were 15,724,058 heads, the receipts from which were £847,590, being 1 shilling and 0¾ penny (26 cents, coin,) per head.—*N. Y. Stock Exchange.*

THE OLD MIDDLESEX SOCIETY.

The Trustees of this time-honored and influential Society held their annual meeting at the Middlesex Hotel, in Concord, on Friday last. Nearly all the Trustees were present, and manifested a most lively interest in the business before them. The President of the Society, John Cummings, Esq., of Woburn, presided. A vote was passed directing a building committee to proceed at once and erect a substantial building according to a plan adopted last year. It is to be *one hundred and thirty feet long and seventy wide.* Its form will be unlike any building we have ever seen devoted to such objects; and we think will admirably subserve the purposes for which it is designed.

Before taking up the various branches of the premium list, several committees were appointed to report what changes it seemed desirable to make in them. On going through the items, *seriatam*, animated discussions frequently sprung up, and some of them were pretty thoroughly sifted. In most cases, at least on the more important items, the premiums were considerably increased, and some of them nearly doubled.

Some new premiums were added, one of which offers a premium of $20 for the best example in thorough drainage on not less than one acre of ground. Another is a premium of $15, and one of $10, for the best vegetable and fruit garden on any farm of not less than twenty acres. This is an admirable movement. It will tend to the care and cultivation of better gardens *on the farms*, where they have been greatly neglected, and to the introduction of fresh an healthful fruits and vegetables on the table of the farmer, where a meagre supply only has been enjoyed. The President made some excellent remarks while the motion was pending, clearly showing that the *moral* influence of this movement would be still more valuable than the physical, and that it would gradually lead to that neatness, order and embellishment about the farm, that would give a new aspect and tone to rural life.

Many of the Trustees are still short of middle life, and are full of zeal and activity, and possess ample means to aid on that grand work.

The Society now is in its *seventy-fifth year*, and promises, to-day, to exert an influence in the coming year greater that it has ever exerted before. The spirit manifested in this meeting is encouraging, and will work out valuable results.

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION o this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place, No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them. 32-1

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

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Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARRET AT VERY LOW PRICES.

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310, 312, 314 Pine Street, SAN FRANCISCO

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Harness. Saddles.

MAIN & WINCHESTER

Manufacturers

AND

Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous Impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

GERRISH

SUBMERGE DOUBLE-ACTING

FORCE PUMPS.

Patented by J. A. Morrell, Oct 29, 1867.

The Cheapest, Simplest, and most Durable Pump in the World!

It is guaranteed not to get out of order; it challenges all competition, and has the recommendation of all practical Engineers and Machinists.

MANUFACTURED AND FOR SALE BY

LINFORTH, KELLOGG & RAIL,

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Agricultural Implements and Mining Tools,

Nos 3 and 5 Front street, San Francisco.

[30 6 3m]

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,

30-23 King St San Francisco.

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.

HURON, ERIE CO., OHIO.

Insurance.

PACIFIC

INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,802 82
CASH ASSETS	$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE

OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull, S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.

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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

on the red cover of the package

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
119 California stret.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. This three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

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All Kinds of Paper made to order.

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30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

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123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Chinn, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 63 and 71.
Also Grant's Candles, in lots to suit. 30 17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

[Corrected Weekly, by Editor Farmer.]

San Francisco, March 4.

Grain, &c

The Grain Market is very dull, if such a term can be applied to so great an interest as this is now become in our State.

We have now to show to our grain growers the fact of a falling market in all the Grain Marts abroad and a certainty of the same here for some time to come.

The warm sunshine is bringing forward the Grain in a healthy way although there is much that is late planted, and more that will still be planted especially Barley. Plows are still at work in many fields, and will continue to work for weeks to come.

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 65	@	1 70
Barley, ₱ 100 lbs	2 20	@	2 25
Rye ₱ 100 lbs	3 50	@	3 75
Oats, California, ₱ 100 lbs	2 05	@	2 15
Corn ₱ 100 lbs	1 62	@	1 70
Flour, Superfine, ₱ bbl	4 50	@	4 75
do Extra	5 00	@	5 50
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 75	@	5 00
Corn Meal, ₱ 100 lbs	2 75	@	3 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	21 00	@	23 50
Middlings ₱ ton	25 00	@	27 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	5 00	@	7 50
Potatoes	75	@	1 00
do sweet	2 00	@	2 50
Onions	2 75	@	3 50
Hay, ₱ ton, extra	15 00	@	20 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Thanks, for the glorious sunshine we have enjoyed lately—the sunshine which ripened and that to perfection, the "Queen" of spring fruits, the sweet, delicious, and luscious "*Strawberry*." Such early visitors, speak loudly in praise of this wonderful and astonishing climate. It is all spring and summer, and in some places winter is scarcely known, nevertheless vegetation is not injured by this peculiar clime but if anything advantaged by it, because we realise a second, and in some cases, a third crop of fruit, of apples and pears. —we have had but a poor supply during the past week.

Retail Prices in the Fruit Market.

Apples, ₱ box	2 00	@	4 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	—	@	1 50
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ doz	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15

Retail Prices in the Vegetable Market.

We have had an abundance of ill grown stuff and a scarcity of the best, from the southern parts of the state we are receiving a good supply of asparagus—new potatoes, and also rhubarb. New peas do not come freely to hand. Our southern gardeners would do well to sow more extensively and realise good profits by early produce.

Asparagus, ₱ lb	30	@	35
Artichokes, (Fr.) ₱ doz	50	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	150	@	1 50
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz bunches		@	25
Cucumbers, ₱ doz	—	@	—
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	200
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb	—	@	1 00
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	6		8
do Sweet	6	@	8
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
arsely	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	75
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	—
do Hubbard	3	@	8
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	50
Salsify, ₱ bunch	25	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	25

Fish

(Tessmore and Hayes.)

The supply has been tolerably well kept up during the week, consequently the prices about the same as last week.

Salmon, ₱ lb	—	@	15
do smoked, new	—	@	30
do pickled, ₱ b	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	—
Smelts	8	@	10
Perch	—	@	12
Rockfish	—	@	15
Codfish, dry	—		18
Herring, fresh	—	@	15
do smoked		@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

Poultry and Game

(A. A. Louderback.)

In consequence of various fowls being reserved for sitting purposes, our market has not been, (and will not be for some weeks) so well supplied, consequently an advance in prices. We would suggest to our various ranchmen to get rid of their surplus stock whilst prices are good.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 00
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	25	@	30
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

Poultry and Game—Wholesale Prices.

Hens, ₱ doz	8 00	@	9 00
Spring Chickens	7 50	@	8 00
Turkeys, ₱ lb	—	@	20
Ducks, tame, per doz	10 00	@	10 50
do wild,	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	250	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	1 25

Meats.

(L. Miller & Co.)

With our butchers, trade is good and brisk, but the extreme wide margin in the wholesale department, will confound many of our readers—The reason is simply this, that both cattle and sheep, appear to be slaughtered to save their being starved, in consequence of feed being so scarce this spring. Mutton is of very poor quality, of course there are exceptions; some graziers take a pride and delight in sending nothing but the best, in prime order, whilst others, send anything for the allmighty dollar's sake—The latter may do for White Pine, but will not answer here.

To rely upon having well fed beaves and mutton, root crops, such as Mangolds, Swedes, Turnips, Carrots &c, *must* be extensively grown, so as to have food in stock and at hand, and not have the beast's to wander about over miles of land for food, and then only for a scanty subsistance. Such miserable stock raising is sure to fail. We have any extent of good land well suited for the various root crops, therefore we would strongly recommend our graziers to begin in the right way, to secure credit and wealth.

Prices for the best are firm and good, whilst for the indifferent is somewhat doubtful and uncertain.

Oregon Sugar Cured Hams is becoming a very serious item, and very much sought after. Mess French &co, keep up their stock of upwards of three tuns, so as to supply all demands of their various customers. The Hams are of fine quality and when properly cooked, excell any thing brought to table.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cr red		@	32

Dairy—Butter, Cheese, Eggs etc.

(M. B. French & Co.)

There is a slight advance in the price of Eggs this week.

Butter, California, ₱ lb (Fresh)	50	@	55
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	50	@	55
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

Butter, Cheese, etc.—Wholesale

Butter, California, ₱ lb	40	@	45
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	42½	@	45
Eggs, ₱ doz	40	@	42
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

Average Slaughterers Prices

L. Miller & Co.

Beef—American, 1st quality, 12½@ 14 c ₱ lb
do. 2d do. 9@12c.
Mutton—8 @12½ ₱ lb. Lamb— @12c.
Pork—undressed, —@7½c; dressed, 9@10c.
Veal—9 @12c ₱ lb.

Wool, Tallow, Hides etc.

Wool, spring clip	17	@	20
Medium	13	@	15
do burry	10	@	12
Wool-sacks, new	75	@	80
do second hand	40c	@	50
Dry hides, ₱ lb	15	@	16
Green salted, ₱ lb	7	@	7½
Sheep skins, wool on	30	@	50
do do plain	12	@	25
Goat skins, each	25	@	50
Refined Tallow	8	@	8¼

New Productions of California.

Flax Seed ₱ lb	3½	@	4
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3	@	4½
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	23
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,
31-1 Proprietor of the Auzerais House.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

March 10th—GOLDEN CITY, Capt W. F. Lapidge, connecting with ALASKA, Capt. Gray.

March 18th—MONTANA, Capt. E. S. Farnsworth, connecting with RISING STAR, Capt. Connor.

March 30—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCEY, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oct OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings, Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtil further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9.50 A. M.; Reno at 4.20 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3.30 A. M.; Argenta at 8.50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12.05 P. M. Reno at 2.10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada,

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermitt, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Choice Grape Cuttings.

50,000,

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,
Or address Editor Farmer.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

—o—

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PL in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine 'Dr. M Vermifuge, they very frequently get one or other of the many worthless preparations called V now before the public. We therefore beg leave to urge upon the Planter the propriety and ance of invariably writing the name in full, and to advise their factors or agents that they will not other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BRO BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derange alent in the South and South West, has induced the venders of many worthless nostrums to claim for parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS ginal and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Pu Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, P

DR. M. LANE'S CELEBRATED LIVER PIL

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for L BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER C and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in th South, where, in the majority of cases, the patient is not within the reach of a regular physician, some remedy should be provided, that would not in the least impair the constitution, and yet be safe That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The which has invariably attended their use will, we think, be sufficient to convince the most incredulous our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects they have been so tested, and that the result has been in every respect favorable, we call thousands who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms com deranged state of that organ.

DISEASES OF THE LIVER

The Liver is much more frequently the seat of disease than is generally supposed. The function to perform, and on the regular execution of which depends not only the general health of the body of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the exerises a powerful influence over the mind and its operation, which cannot be easily described. It connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful that it misleads more physicians, even of great eminence, than any other vital organ. The intimate which exists between the Liver and the Brain, and the great dominion which I am persuaded it exer passions of mankind, convince me that many unfortunate beings have committed acts of deep and crimi or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. The convinced that more than one-half of the complaints which occur in this country, are to be consider their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadeq of which we afterwards feel ashamed; last, though not least, more than three-fourths of the diseases under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful cata

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; a pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is so taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bo ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a sensation in the back part. There is generally a considerable loss of memory, accompanied with a p tion of having left undone something which ought to have been done. A slight dry cough is sometim ant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burn complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that an be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts ev Several of the above symptoms attend the disease; but cases have occurred when few of them existed, ination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not or three times by next morning, take one or two more; but a slight breakfast should invariably follow The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthr consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer's cause is frequently overlooked, and consequently the proper remedy is not applied. But when the pati fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to a cause. It ought here to be particularly remarked, that although but few worms may exist in a child over quiescent they may have been previously, no sooner is the constitution invaded by any of the ma of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it happens that a disease otherwise easily m aged by proper remedies, when aggravated by that cause to treatment, udicious in other respects, but which entirely fails in consequence of worms being even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be ex loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, al flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; a circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea violent pains throughout the abdomen; bowe s irregular, at times costive; stools slimy, not unfre with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied cough sometimes dry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; tem but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ina viding the symptoms attending the sickness of the child or adult warrant the supposition of worms bei In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLA great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled pers palming upon the public counterfeit and inferior articles, in consequence of which the proprietors forced to adopt every possible guard against fraud. Purchasers will please pay attention to the fol of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. M FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PI This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, MARCH 11, 1869. NUMBER 8

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SAN FRANCISCO.

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Home Correspondence.

LETTER FROM VALLICETO.

MARCH 3, 1869.

Appearances for a day or two past indicate rain which is much needed. The dry, warm weather of the past few weeks has caused the ground to bake. Grass and grain is very backward; no fruit trees but Almond in bloom yet. The prospect of a large crop of all kinds of fruit is promising but it will not be of much value, as there is no market for it. *Full* fruit will not pay to haul to Stockton to sell at one and a half cents per pound. Winter fruit *cannot* be hauled away on account of mud—therefore we eat what we want, give away what we can, and feed the rest to stock. When will the Rip Van Winkles of Stockton wake up and build a road out of that mud hole to the hard ground? Grapes was sold last Fall from $15 to $20 per ton, and more grown than could be sold at that price. Next Fall there will be a third more raised than last year. Amount of Rainfall to March 1st, is 16½ inches at this place. T.

[We call the attention of our Stockton readers to the above letter and hope they will wake up and see to the importance of the "Hints" of our correspondent.—ED. FARMER.]

THE FUTURE OF AMERICAN AGRICULTURE.

Rightly estimated, there is no higher or nobler calling than that of Agriculture. It is, therefore appropriate that the great majority of men should be devoted to it. But it is not appropriate that the calling to which all men owe their daily bread, should be so little understood as it is. And it is one of the wonderful inconsistencies of mankind, that so few of those who devote their lives to the cultivation of the soil, should take the least interest in trying to discover, or to understand the natural principles that make the seed time and harvest. In the United States the farmers outnumber all others by many fold, and the money value of their labor exceeds both those of Manufacture and Commerce combined; yet farmers do not take that position to which they are entitled, simply because they have not done, neither themselves, or their calling justice.

We are gratified, however, to see many and wide spread evidences of an improvement among the farmers. Higher and more correct views as to the true dignity of farming, are begetting a laudable ambition among those already devoted to the calling and attracting to it many men of capital and large business capacity, for other occupations. Schools and Colleges, too, are beginning to recognize the fact that Agriculture stands in need of many of the sciences and arts, and many are opening the way for her to take her place among the ennobled arts. These are all healthful signs, and promise a brilliant future for American Agriculture. In this onward march, Dixie land must be no laggard. Her place is in the front, abreast of the foremost, and she must neither resign it nor lose it, by indifference. Rich beyond comparison, in all the natural elements of the highest systems of Agriculture, her sons will prove recreant to her and to themselves, if outstripped in the race.—*Dixie Farmer.*

—Agricultural Fairs—Farmers' pretty daughters.

BUCKEYE MOWER AND REAPER AT WORK.

FEMALE LABOR.

Under our former system, household labor among the well-to-do classes of the South was performed almost exclusively by slaves. With the abolition of slavery, the destruction of property by the war, and the comparative poverty which has overtaken most of us, has come the duty of labor. It is a burden laid upon both sexes. Not until this truth is realized can there be any progress in accumulation, from our new starting point. Our ladies must learn to fulfill the duties of their new position; and in order that they may do this successfully, gracefully and without any feeling of degradation, they must have every assistence and encouragement from the stronger sex. Every attainable convenience which modern ingenuity has invented for alleviating the burden of female labor should be brought to bear in their favor. They must have cooking stoves, and washing machines, and sewing machines. The kitchen must be built adjacent to the dwelling, and plentifully supplied with seasoned wood. The well must be located close to the kitchen, and it would be best to use a pump for raising the water. These arrangements will diminish the amount of female labor to be performed and make it much less repulsive.

If you are able to hire servants and thus relieve the females of the family of drudgery, you will nevertheless find that these conveniences will repay the expenditure. It often happens to those who are able to employ domestics, that owing to sickness of some kind, the housewife finds herself without a cook. If these conveniences have been provided, the labor of preparing the food for the family for a few days, until the vacancy may be filled, will not be burdensome. Without them there will be much irritation and unhappiness. Moreover you will find it much easier to procure a tidy and skillful cook, if your kitchen is properly arranged and fitted up.

There is too much household labor employed and paid for. This practice, the remnant of a former state of things, creates a drain on the pockets of thousands of farmers who in consequence are without the means of educating their children. The money expended in one year in the hire and board of a single servant would suffice to fit up your kitchen in such style as entirely to dispel that repulsiveness which now hangs around it and constitutes the chief objection on the part of a refined woman to the operations of the *cuisine*. We say then to the farmers: Dignify female labor and make it attractive. Thus you will overcome the prejudices of education and lead your daughters gently into the true pathway of duty. When this shall become the rule, instead of the exception, our farmers will find that one great leak has been stopped, and the improvement in their circumstances will become regularly more apparent. —*Carolina Farmer.*

LIFE INSURANCE.

It will be seen by the *New Advertisement* of the PACIFIC MUTUAL LIFE INSURANCE COMPANY, that they have moved the Office of the Company to the new and convenient rooms 137 Montgomery street, up stairs.

This Company have done a most successful business since their beginning only eight months ago, exceeding in amount and profits any company that was ever incorporated in the United States.

OUR ILLUSTRATION.

We give in this number, as will be seen by our front page the truly splendid cut of the BUCKEYE MOWER AND REAPER AT WORK. Who would not be proud to drive such a span of horses? They are the genuine bloods—a cross of the "Blackhawks;" see how easy the *work* is done—quietly seated. This span of horses marches on over its 10 or 20 acres per day. See how smoothly it has laid the grain—how easy to bundle! Who would not be a Farmer? Is it not a beautiful picture?

The Buckeye Mower and Reaper has won many a Premium for its excellent work and it looks it too.

Messrs. Adriance, Platt & Co., of Poughkeepsie, N. Y., are the Manufacturers, and their sales have been very immense. The sales the first year of its appearance, was TEN; the last year it was over TWENTY THOUSAND. Such a fact speaks volumes. Messrs. Marcus O. Hawley & Co., 108 and 110, Front Street, are the sole Agents for this Machine. The full particulars of which are in the advertisement in our columns, and circulars of this splendid Implement can be had at our office.

Farmers Remember, all the best and most important Agricultural Implements will be found in our columns. *We will not advertise any but the Best.* Look to our columns always for such.

GRAIN, AND CALIFORNIA FARMERS.

The California *Farmer* says if a ship of the capacity of 1,000 tons was to load with wheat at San Francisco, each day between now and next harvest, the supply in California would not be exhausted. Probably a knowledge of this fact has caused many fields to be sown this year in barley that raised wheat last year. It looks to us as though barley would never be as high again in Reno as it is and will be until next harvest. Probably our State will increase 30,000 in population during the present year. These with the developments which will be made will add to the teams in eastern Nevada, and the demand will be increased over the present and probably over the grain raising capacity of eastern Nevada. But in a State like California, where grew 20,000,000 of bushels of grain last year, and where probably half as much again will be raised the present season, what are a few hundred tons more or less? California farmers are a queer set; last year they all raised wheat, and with an immense surplus on hand the experiment is to be renewed again this season. At the same time butter is worth 47½ cents per pound there, and cheese 20 cents; and to keep up the supply every steamer from Panama brings a thousand firkins or so, though California is as fine a grazing country as there is in the world. California does nothing reasonably; her people do everything by extremes. This year it is wheat, next year it will be grapes, or hops, or sugar beets, or silk. They seem unable to combine and carry along more than one thing at a time.—*Reno Crescent.*

GREAT HOTEL AT SACRAMENTO.—By the news of the day it will be seen that Sacramento is to have a "Grand Hotel." It will be located on Front Street if the proper site can be secured; otherwise about 4th to 7th Streets, or I. Capital Stock, $250,000. This can easily be done, for Sacramento is bound to put on the Robes of Triumph now. Her dark days are past.

—Speak little, speak truth: Spend little, pay cash.

STEAM CULTIVATION.

[MR. REED'S REPORT.]

The Royal Society designated three examining committees for three different sections of the country. Committee No 1, consisted of three gentlemen, of which Howard Reed was chairman, was deputed to inquire and report the results of steam cultivation in the counties of Norfolk, Cambridgeshire, Huntingtonshire, Essex, Surry, Kent, Sussex, and Hampshire. They examined 36 farms on which steam power was used in cultivation, and completed their duties in 22 days in the month of September, 1867. Mr. Reed remarks, in the opening of the report, that the superiority depends not so much upon the power itself as upon the party that wields it. One successful steam farmer said to the committee that he had been over some steam cultivated farms without perceiving any decided advantage, and he had been over many others where he discovered as many advantages as he could show on his own place; hence, in some instances, steam cultivation is not a profitable investment, not from any defect of power or mechanical construction, but because parties do not take the advantage they might and should take in the management of it. Here, as elsewhere, success is obtained only when one combines with right business habits, a fair knowledge of principles. And, Mr. Reed continues, this entirely concurs with our experience everywhere, in steam as in other farming.

Much difference of opinion was encountered as to the character of the soil; almost invariably it was represented as unusually heavy, and for this reason one question was often asked, "How many horses do you use in plowing to a depth of six inches?" The answers, with our personal observations, enabled us to some extent to classify the farms according to the texture of the soils.

Mr. Allen, the owner of one farm examined, spoke very confidently of the increased bulk of his crops since the application of steam; but he experienced just those difficulties with which any one would expect to meet in attempting to cultivate a heavy-land farm not well drained—these hindrances being much increased in a rainy season. The work done by him, during the day of 10 hours, with a steam plow or cultivator, was about 8 acres, plowed 8 to 12 inches deep. After the harvesting of the hay crop, July 1, 323 acres were plowed and cultivated, though not more than 20 acres could have been done without the steam power, and it was all cleaned and in fine tilth for straw or root crops.

Another farm visited was Mr. Harvey's, with soil of such tenacity that three stout horses had enough to do in turning a furrow slice 7 or 8 inches deep. Mr. H. does not agree in the opinion of some of his neighbors as to the unprofitableness of thorough draining. During the first year of his experience with steam he met with every conceivable accident and hindrance, and the expenses for repairs were frightful; yet he stuck to the machine through all adverse circumstances, trained himself and his men to the use of it, and successfully outlived the jeers of those who are always ready to depreciate the efforts of men of progress. Breaks or delays are seldom or never known now; during a day of 10 hours 8 to 10 acres are plowed to the most desirable depth; wheat stubble broken up 12 inches deep, and increased yield obtained. He has done contract plowing for his neighbors 9 to 10 inches deep, at *12s. per acre. In August he plowed in 17 days 113 acres, 10 to 11 inches deep, at a cost of only ¶£26 10s. for the manual labor required in doing it.

Mr. Wallis, another steam farmer, in comparing horse-labor with that of steam, in case of deep work, says there is no doubt about the great advantage of the latter. The Marquis of Tweedsdale's great plow, worked with 12 horses, got over about half an acre a day, but the seven-horse power engine did 3 acres a day to the same depth, with about 50 pounds of steam pressure. Mr. W. thinks that upon farms of 300 acres it will pay to have steam tackle. His experience shows that not only is the yield of wheat increased about 4 bushles to the acre, but its quality is improved and market value increased; the root crops and clover also are improved; the work is not only done with greater dispatch, but with more certainty at the best possible time; once it WAS difficult to say when even four teams would finish a 20 acre field, on account of precarious weather, but now, with steam, the time of finishing a large field can be calculated within an hour.

Mr. Ruston has derived much advantage from steam culture, being able to turn up deep subsoil, with a plow made purposely for it, to the depth of 15 or 18 inches; he claimed largely increased yields, and greater breadth cultivated, since he employed steam; he says he obtained full one-fourth more an acre of barley and wheat; he also realized the advantage of dispatch and seasonable work; steam had saved his crop more than once, and given him the benefit of having his seed put in properly as well as seasonably.

Mr. Smyth, Newsellsbury, county of Herts, was visited in September. His farm consists of 700 acres arable land, and 50 acres of pasture; extending over an undulating surface, with many steep inclines, part loam, light soil, and stiff clay; part could be plowed with two horses, and portions required three horses to plow 5 inches deep. Water was scarce, being brought three miles for the engine. He says steam enables him to get crops where before he had to fallow one season. By deepening his soil he gets increased crops and better quality, with greater breadth cropped.

After having gone over and completed the examination of this list of farms of various soils and locations, Mr. Reed proceeds to state at length the conclusions arrived at by the committee, which have been condensed as follows: Upon heavy and medium soils the benefits of steam cultivation are greater and more apparent. A deeper culture is effected than it is possible for horses to make, producing a highly beneficial change in the texture of the soil. It secures additional efficiency of drainage; augments the value of manures applied; brings into operation from below latent properties of fertility; fits the land for the growth of greater variety of crops; renders it more fit for pasture; and allows of a greater number of continuous crops.

Instances of these improvements and their advantages are not single or unfrequent, but general wherever tried. Another perceptible result is the rapidity with which farm work is accomplished; not only are the operations done quicker, but better, and at less expense; all collateral movements have imparted to them a speed and a "whir" characteristic of steam; men acquire the prompt, active habit of doing the day's work within the day, and not leaving it for to-morrow.

Steam is thus working a revolution in farm practice, and in the character of the rural population, who are being trained for the age of machinery in agriculture; and with celerity of motion will be coupled accuracy, promptness, reliableness, and certainty as to amount and time of accomplishment, which are no small advantages.

To the lighter lands it had been generally considered that steam was not adapted, and its progress hitherto in such districts has been comparatively small; for it seems to have been assumed, but somewhat hastily, that land plowed easily by a team of horses is no place for steam; yet those light-land farmers who have fully tried steam, even with the apparatus adapted particularly to heavy lands, have formed a different opinion, as the deep culture which drains and relieves a wet soil in a rainy season also benefits a dry or burning soil in a dry season, by allowing needed moisture to rise from below, while what little falls on the surface is sooner absorbed and more fully retained. But heretofore steam has been applied to light lands under disadvantages, and no one knows fairly what may be done on such lands until implements adapted expressly to them have been tested.

* Twelve shillings English is $3 per acre.

¶ $135.

A Certificate of Incorporation for a new Woolen Manufactory, at San Jose with a capital of $100,000 has been filed with the Secretary of State. This is well for San Jose. The Trustees are T. S. Beans, J. H. Flickinger, D. Murphy, G. O. Houghton and R. F. Pecham. The Factory to be established at San Jose. Thus we progress. Sacramento has her Woolen Factory—Marysville has her Woolen Factory; now San Jose is on the road to success, and where is Stockton?

Agriculture.

FARM LIFE.

The following beautiful lines from Mrs. Sigourney give a lively and truthful picture of life upon the farm:

Saw ye the farmer at his plow,
As ye were riding by?
Or wearied, 'neath the noon-day toil,
When the summer suns were high!
And thought you that his lot was hard,
And did you thank your God
That you and yours were not condemned
Thus like a slave to plod?

Come see him at his harvest home
When garden, field and tree,
Conspire with flowing store to fill
His barn and granary;
His healthful children gaily sport
Amid the new mown hay,
Or proudly aid with vigorous arm
His tasks as best they may.

The Harvest Giver is his friend,
The Maker of the soil,
And earth, the mother, gives them bread,
And cheers their patient toil;
Come join them around their wintry hearth,
The heartfelt pleasures see,
And you can better judge *how blest*
The Farmer's life may be.

THE VALUE OF MANGOLD WURTZEL AS A SPRING FOOD.

The topic is trite, for the value of mangold wurtzel will be found fully described in every agricultural work, and yet we cannot resist the call we feel to reiterate that which, though recorded, is so little realized and acted upon. We live in a district where the climate is temperate and dry—where the soil is generally highly suitable for the crop, and yet not one farmer in twenty knows the advantage of the mangold or makes any use of it. If asked the reason why, the common reply is, that formerly they were grown, but comparative failure for two or three years in succession checked their enthusiasm; and the conversation terminates with some sapient comparison between a turnip and mangold, which is held to be quite conclusive, and which in reality is simply absurd. How can we compare things that are so totally different? The mangold is never likely to transplant the turnip, because it ripens at a different season. Each has its particular work to do. The mangold becomes valuable at the time when swedes, however carefully preserved, exhibit unmistakeable signs of having seen better days; and especially valuable are they on warm sandy soils, where a first-rate quality of swedes cannot be grown, and where swedes will not keep late into spring. On strong soils, by a judicious selection of seed and care as to the time of sowing, swedes may be grown for spring use, and if left in the ground and covered with the plow will keep well; and in such cases the value of the mangold crop is not appreciated. But on sandy soils a swede is useless after April, and mangolds are in their prime. Now it is quite true that wet, cold summers and the attacks of the "Anthomya beta" caused comparative failures for two or thee years, but all this should only have stimulated to further trials, and the reward would have been ample. It is amusing to listen to the loose assertions dictated by prejudice, and one of the most common slanders to which the mangold is liable is the charge of being washy and watery. The facts are seen in the following table:

	Mangold,	Turnips.
Flesh-forming ingredients (nitrogenised matters)	1.81	1.44
Heat-giving ingredients (free from nitrogen)	11.19	8.47
Mineral matters	0.96	0.62
Water	86.04	89.47
	100.00	100.00

Both the above analysis's are by Dr. Vœlcker.

Like all the other vegetables, mangold goes through the various stages, and when unripe is unfit for food. After a slight fermentation in the heap, great changes occur in the proportion of sugar, gum, woody fibre, &c., so that mangolds in October and May are altogether different, and whilst the former would, as a rule, from its acrid properties, prove of no value and even injurious to cattle or sheep, the latter is extremely useful, and within certain limits the longer we can keep them the more nutritious they become. It is owing to this diversity of character at different seasons that the mangold is so little believed in by many farmers. They have seen them used in an unripe state, and have at once decided against them. Climate has likewise a most important influence on quality. The mangold does not like a moist district, and situations most suitable to the swede are the least adapted to mangold; consequently it is in the dry south-eastern coast that the mangold is most prized; but there are a great variety of soils and situations where it might be grown to a greater extent than is the case now. On a light sandy soil we planted nine acres last year; at the present time we have fully half of the produce unconsumed. Swedes on such soil will not keep beyond the middle of April, and in a dry spring become very wooly and unpalatable. With a large breeding flock and a number of horned stock, where should we be without this reserve? Are we using to strong language in describing them as invaluable? Our fattening sheep are folded on either grass or fallow, and supplied with cut mangolds; our cattle received them pulped with chaff; whilst the ewes and lambs spread over the pastures are much benefited by the few thrown about, and which are eagerly devoured. Yet this is the root passed by with the contemptuous description of wash food.

We prefer spring manuring on light land. The chemist is, no doubt, quite right in theory about preservative qualities of soils, but the proof of the pudding is in the eating, and better crops generally follow spring manuring on light land. In strong soils it is a matter of indifference, and our practice may be guided by convenience. Our own practice is to have the land thoroughly tilled and clean, then draw drills, throw the barnyard manure out of the carts, and sow broadcast our mixture of superphosphate and guano; split, roll, and drill.

Mangolds develope a great extent of root surface; their rapidity of growth depends on the absorbing powers thus possessed; and consequently, in order to flourish, they must be liberally fed. Generally free from serious enemies, they succumbed, some two or three seasons, to the attacks of a maggot (Anthomya beta) which destroyed the leaf; happily this scourge has not prevailed lately, and we must hope for the best. The growth after singling is very rapid, and the horse and hand hoe must be kept constantly at work until the broad dark leaves nearly meet between the rows. The final operation should be of the nature of a grubbing, stirring up of the soil deeply, and thereby admitting air. We cannot hoe two much, provided the land is dry and the plant not too forward.

A few words as to storing, and we have done. It is a mistake to try and get the ultimate growth; we should take up our crop whilst in a growing state and especially is it wise to secure the root before a severe frost, which mangold cannot stand. According to season and weather, the end of October or the beginning of November should be selected, and every available cart and hand employed; indeed, as much energy displayed as in securing the harvest. We are apt to think lightly of roots, because we cannot see so directly what they make; but we doubt whether, as a rule, the corn crop returns more per acre than a good yield of mangolds, and certainly the latter are more perishable. One really severe frost will cause great injury. Select a dry surface and build up a long conical stack, three to four yards at base, and rising with steep sides to the ridge; the steeper the better. The heap as made is covered with short straw to a sufficient depth to assure protection. The straw may be secured by throwing up lumps of soil, and the heap should be left thus until the fermentation is over and all heat escaped; then covered down with 9 in. to 12 in. of soil, or else closely thatched.—*American Stock Journal.*

BEES SWARMING NATURALY.

This usually takes place, in the Northern States from June first to July fifteenth, occassionally commencing as early as the fifteenth of May, and should it be in a region of country where buckwheat abounds, we may expect swarms as late as August.

WHY DO BEES SWARM?

I believe it is allowed by our most scientific bee-keepers, that bees swarm for the want of room inside the hive, although there are occasional exceptions to this rule I have known them to swarm when there was plenty of room in the hive When this does take place I think the cause can be traced to a premature hatching of queens; this does not occur, perhaps, one time in fifty. I think it safe to say, as a general rule, that bees swarm for the want of room and ventilation inside the hive.

SIGNS OF SWARMING.

I know of no infallible sign that we can be guided by in every instance. After the hive is filled, which is usually known by the bees clustering upon the outside, if the weather is pleasant and honey in the fields, we may look for them any day. The piping of queens is sometimes heard a day or two before a swarm issues, and is considered by some as an infallible sign.

The bee-keeper should always be on the watch for new swarms after the first of June, all conditions being favorable, and, if the Middle or Southern States, some weeks earlier than this. Should the weather be cloudy or rainy, and the bees not collecting honey, then we need not look for swarming. The instinctive nature of the bee is such that they will seldom swarm unless the weather is pleasant, and plenty of honey in the fields—the better the honey season the more they will swarm.

TO PREVENT BEES FROM SWARMING.

Some bee-keepers are so circumstanced that they cannot attend to their bees, in case of swarming, and only need a hive or two for their own use. Here perhaps a *non swarming hive* might be desired or one that would prevent their swarming. In such circumstances I know of no better way than to give the bees a plenty of room, by having a hive of large size or one that can be let out into a non-swarming condition as the swarm increases in size.

SHRUBBERY FOR BEES TO ALIGHT ON.

Every bee-man should provide bushes or evergreens for his bees to light upon, if they are not already growing near by. Hemlock, Balsam and Spruce, are the best shrubs for this purpose, if they can be obtained. They should be six or eight feet high, and sharpened, and by means of a crow bar set into the ground sufficiently strong to hold up a swarm of bees. By inserting them into the ground at the commencement of swarming they will usually last for the season. If on very dry ground, they should be watered to prevent the leaves from falling off too soon. Another very good thing to induce bees to alight, when swarming, is to take a block and round off one end, to give it the form of a swarm of bees clustered on a limb; then cover it with old mullen heads, which can be made fast to the block by small nails; then suspend it from some bush or stake near the bee hives and, as it so much resembles a swarm, the bees will be very sure to cluster on it, when they swarm out. If we allow natural swarming, we should always, we have every thing pertaining to their alighting, hiving, etc., in readiness to use at a moment's notice.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

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Offer the present year the following

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PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

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We have also

Hardware and Garden Tools,

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Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

Miscellaneous.

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POTATO PLANTER

This is, undoubtedly, one of the most valuable machines adapted to Agricultural purposes ever produced.

It Saves the Labor of Men in Planting Ti

Makes its own furrow, cuts the potato in slices as the farmer may prefer; drops these in the most perfect regularity, and covers them and does all this as fast as a horse can walk ground that can be plowed.

No intelligent farmer can fail to see that ment with which one man can, with the aid of plant six acres of potatos in a day, is of value; because the days in which PLANTING erly be done are very few, while he has all and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER other machines. It affords its aid "in the of time," and gives leisure to its owner for to his other spring work, which would otherwise overwork him or be left undone.

The undersigned have the sale of this Great Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for the ment, and a good Mechanic can make a fortune

Particulars and Catalogues can be had at our

WARREN & CO

320 Clay street,

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They are each and all of a practical and ter, and are such as a handsome return for capital can be made from.

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EARLY GOODRICH POT

Important to Market Gardeners

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The Undersigned, having growing and above Potato for two seasons, have no hesita nouncing it far superior to any other coast, for an early Potato, and now offer is very early (from three to four weeks other) good size, white skin, smooth eyes, superior table quality, and very productive.

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☞ Volumes of the "California Farm

The last EIGHT YEARS, uniformly bound, Farmer Office at $3 per Volume.

These Eight Volumes contain more useful the practical workings of Agriculture as nia Culture than any Book or Books Extant, prise hundreds of Experiments, Letters and Culture of Cotton, Rice, Coffee and Tobacco; berries, and all other Fruits, with the Culture tor Beans, Flax, Hemp, &c. and the Whole of L. Prevost on Silk Culture, from early

This set of Volumes would be a Library valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be

Horticulture.

THE WORLD'S PROGRESS.

BY J. G. WHITTIER.

This day, two hundred years ago,
The wild grape by the river's side,
And tasteless ground-nut trailing low,
The tables of the woods supplied.

Unknown the apples, red and gold,
The blushing tint of peach and pear,
The mirror of the Powow told
No tale of orchards ripe and rare.

Wild as the fruits he scorned to till,
These vales the idle Indian trod;
Nor knew the glad creative skill,
The joy of him who toils with God.

O, Painter, of the fruits and flowers!
We thank Thee for thy wise design,
Whereby these human hands of ours,
In Nature's garden work with Thine.

And thanks, that from our daily need,
The joy of simple faith is born;
That He who smites the Summer weed,
May trust Thee for the autumn corn.

Give fools their gold and knaves their power,
Let fortune's bubbles rise and fall,
Who sows a field, or trains a flower,
Or plants a tree, is more than all.

For he who blesses most is blest;
And God and man shall own his worth
Who toils to leave as his bequest
An added beauty to the earth.

And soon or late, to all that sow,
The time of harvest shall be given;
The flowers shall bloom, the fruit shall grow,
If not on earth, at least in heaven.

NUT GROWING.

It is somewhat surprising that with all our nation's love of grain, and the general appreciative admiration of beautiful trees for shade and ornament, we have so few instances where nut bearing trees have been adopted for planting in the place of maple, elm, or linden. The chestnut, butternut, black walnut, and Madeira nut, where the climate will admit, are all beautiful as shade ornamental trees; can be transplanted while young without a loss of over ten per cent.; grow very rapidly, and come into bearing usually from the seventh to the tenth year from the seed. The hickory or white walnut is more difficult of transplanting, but even that we have removed with success by digging deep and obtaining, and again replanting entire, the tap root. This tap root retaining is, in fact, a feature of importance with all the nut-bearing trees, its loss often resulting in the death of the tree, while, if fully retained, a tree rarely dies. It is, however, more certain, and probably most economical, to plant the nuts where trees are designed to stand. This may be done and the ground yearly cropped to corn, potatoes, or small fruits, and at the end of five years or so it may be left in the grass if desired. As a paying productive crop, as a permanent investment, attended with little or no labor in the cultivation, pruning, etc., we know of nothing more reliable than that of an orchard of nut bearing trees. Our native forest trees are being rapidly destroyed; and without the attention of horticulturists to the subject of growing nut bearing, as well as apple and pear trees, we shall soon find the products of our native land, in this particular, more rare than that of foreign shores. Already the chestnut commands a ready sale at from eight to twelve dollars per bushel, while the white walnut sells freely at from two to three dollars; and yearly as time rolls on, the price is enhanced rather than reduced, because of the increased demand and the lessened product by reason of cutting away the native forest trees. We write this, having just come from an orchard of about sixty trees, now about twenty-five years old, and from which the owner last year gathered an average of over one and a half bushels to the tree, paying him a net return, exclusive of labor of gathering, of over six hundred dollars. These trees stand in pasture land, and when the owner was clearing up the forest, were young saplings and left to grow with a hopeful looking forward to the present result. In our earlier days we spent many a day gathering the white walnut, and our recollection is of six to eight bushels of fruit to the tree, for which buyers then paid one dollar a bushel; and as the trees were in pasture land, the product was a clear net gain, extremely acceptable to the owner.—*Horticulturist.*

CULTIVATE AND IMPROVE.

Deterioration in plants and animals, is as possible as improvement. Nations once renowned as the perfection of the human race, by neglect have sunk back into barbarism. Egypt was once so learned, that it is recorded, as a striking mark of her greatness, that Moses "was learned in all the wisdom of the Egyptians." Egypt is now a semi barbarous province of Turkey, so poor that none do her reverence. The Bedouin robber makes his haunts where was once the Alexandrian School, from which has come much of our civilization and science. Tyre, celebrated in Holy Writ for her knowledge in the arts and navigation, has lost her designation as "Queen of the Sea," and scarcely a vestige of her greatness, her arts, or her power remains.

We might extend our illustrations of the truth of our position, at the expense our pride of human progress, but these will be sufficient.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867 8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

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Wine and Commission Merchants,

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SAN FRANCISCO.

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NEW YORK.

Our New York House, under the name of WILSON, MORROW & CHAMBERLIN, will open in New York City about the first of November ext, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

Messrs. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer* Office.

Choice Grape Cuttings.

50,000,

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,

Or address Editor Farmer.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Orchards, would pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

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Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following series of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle. 2 vo's., containing Torches, Waltzes Polkas, Schottisches' Rodowas, Quadrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Pianist's Album.** 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc's.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers,
277 Washington St., Boston.
C. H. DITSON & Co., 711 Broadway, New York.
31-1

HALL'S PATENT FOR PRESERVING EGGS.

We have refrained hitherto, from saying much upon this subject, until we had the opportunity of demonstrating the claims of the patent for ourselves. We have accordingly, put up a few eggs, to test the matter, and have them now, as put up months ago. We invite parties, to call and see these eggs, and examine for themselves. They possess the whiteness, clearness and freshness of the newly laid egg, and they frost, as a new egg, which cannot be said of any preserved egg we know of.

The cheapness and the saving of time, over every other process, may be considered in its favor. The parties in New York, are making arrangements to secure the Patent in all Europe, and it runs yet, 16 years in the United States. Cost of putting up a barrel—less than 50 cents, and the time, does not exceed 10 minutes. Rights for sale by Warren & Co. Farmer Office, San Francisco.

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the following Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,

30 8 Mt Hope Nurseri Rochester, N. Y

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisso.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of "Vick's Illustrated Catalogue of Seeds and Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTUTE OF FLOWERS AND VEGETABLES.

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867,

TO THE

Natoma Vineyards

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-2

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

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To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
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For every club of five, and $25, Agricultural Books valued at.....6 00

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Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 5 P. M.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....MARCH 11, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mail, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

CULTIVATE YOUR GARDENS.

("Thou shall *till* the Earth and *subdue* it.")

How few of the pretty Garden spots around us in the country, or in our city are *half cared for*. People seem to think if they *dig the soil once in the Spring*, that is all that it needs, and when the *dry weather comes*, if they keep flooding the surface soil with water, they have done all that is needed.

Our Garden spots need a constant care. They need a *continued cultivation*, and not so much *irrogation*. Water is often the cause of our Gardens being so desolate and wearing such a dried up appearance, and this ruin is caused by excessive *watering* and *no cultivation*.

Whenever the Garden soil is kept deeply and finely pulverized to the depth of 16 to 24 inches it will never dry out, provided the *surface soil* is frequently raked up, so the *sun* and *air* can penetrate the soil and *draw* up the moisture from below.

The great error in the too frequent use of water, is that the surface becomes hard baked and neither the sun, air or water passes down to nourish the roots of the trees or plants.

Whenever Gardens are watered at evening (the only time this work should be done,) the owner should on the following morning have the surface soil nicely and finely raked over, and deeply too so that the sun and air may effect the surface soil and keep it sweet, at the same time the roots of the plants are feeling the refreshing of the night before.

When the surface soil has become baked by reason of repeated watering, this crust becomes like a *heated brick*, burning up the soil below and *scorching* the delicate surface roots of the plants—death is the result.

The grounds of a Garden spot should always be deeply and finely cultivated. Large lumps of earth collect the heat of the sun and burns the soil around them; while finely cultivated, the soil acts as a magnet and when the sun is at its greatest heat, it draws up the moisture from below and feeds all the surface roots.

No Garden spot is worth possession that is not well cared for, and nothing is easier to possess than a *beautiful and perpetual* Garden spot around our Homes, if we will only give to it the necessary care which common sense and a wise intelligence dictates.

THE PLANTING SEASON.

There has never yet been a season so favorable for Planting as has been the present season, and well has it been improved.

The opportunity for plowing and preparing the land has been extended to a later period than ever before. Even now, near the middle of March, thousands of acres are still being plowed—much of it will remain as "Fallowed land," but a large quantity will be planted to various crops, such as Flax, Hemp, Castor Bean, Hops, the Mulberry, and to root crops, and a large number of acres will be wisely planted to Small Fruits, such as *Blackberries, Raspberries, Strawberries, Currants, etc.*, for it is well understood by *wise one's*, that *small fruits* will pay well the next five years, and well will it be for those who have large plantations of these fruits.

There is some fearful ones who are now *croaking about the weather*—"it is too dry," and this is but an effort of speculators to raise the price of grain, or of the thoughtless ones who cannot read nature. Rain will come all in good time. "He doeth all things well." The hopeful and the trusting will now see the "cloud no bigger than the hand" yet it is the "hand of plenty." In a little while the clouds will break and the "Rain Drops" will cast their refreshing fatness upon the upspringing grain. The "Lightnings" too, will flash to purify the air, and the "Thunders" will echo over hill and valley, proclaiming ever that "God is good," giving His "early and His latter rains" alike on the just and on the unjust.

That our season will be one of Plenty no one can doubt for a moment. The early blossoming of our fruit orchards have been delayed, yet fortunately they are now beyond the season of *Frost* and therefore we have reason to be very thankful, for the present signs are, an abundant crop. The trees are now budding forth in their luxuriance, and the earth is putting on its robe of beautiful spring Flowers. "The earth is full of His Glory."

GEN. JOHN A. SUTTER

A Washington letter writer speaking of Gen Sutter, makes the following announcement:

"A combined effort is being made by the Californians here to urge upon the Pacific Coast delegation in Congress the propriety of passing a bill during the present session, granting the old Pioneer, General John A. Sutter, a pension sufficient to place him in comfortable circumstances for the rest of his life. If the Senators and Representatives from the Pacific Coast would only "push things" as they should in this matter, there is no doubt of such a measure being passed by the present Congress."

We most sincerely trust our Delegation both in the Senate and in the Representative chambers will act unitedly and give to this noble old Pioneer the well merited pension he deserves, for it is the *Duty* of our Government to do so.

There is no one citizen on the Pacific Coast that has done so much for the benefit of others, and so little to benefit himself as General Sutter.

A LIBRARY IN EVERY HOUSE.

Now that *Books* are so cheap and *Newspapers* so plenty, there is no excuse for any persons remaining ignorant either of the current "news of the day," or of any valuable information appertaining to the business in which they themselves are occupied daily.

It is deeply to be regretted, that, in this enlightened age, we have so many grown persons who seem to be ignorant of the general subjects which should be familiar to minds of ordinary capacity; yet, so it is, and we regret to find so little desire for information among those whose occupation is the *Cultivation of the Earth*, a class of men who, of all others, should be among the most studious and intelligent that dwell upon God's fair earth.

We are most happy to see that *Libraries* are being established in many of our "Rural Districts," called *School District Libraries*, in which by law, the State aids to a certain extent, in order to furnish an "*Agricultural Department*" on the same, and we are happy to know that several Districts have already established such libraries. It will be well if every district in our State would do the same. We know friends that would gladely aid in this work, and if our country friends wish to do as others have done, and establish *District Libraries*, we will gladly aid the same and facilitate all in our power, especially in the Agricultural Department.

In a land like ours, where knowledge abounds, and where *truths* can be gathered as we walk by the way, from the falling leaf and the golden rocks, there is *no excuse for ignorance*.

One great cause of anxiety and alarm arises from the gross neglect of *Parents* in our cities and principle towns, in permitting their young children and young lads and misses to roam about unguarded, and almost unrestrained. This is the dark cloud over our Political horizon now, for the boys and girls of to-day, are to be the *Future Rulers* of the Pacific Coast *a Quarter of Century hence*; they will at least have an influence that must be felt, for *weal or woe*, just as they are *Educated Now*.

We therefore feel that there is a way to educate the young by placing before them in their daily "Homes" Books of the right kind, and such as will lead them to become good and valuable citizens, and thus keep them from roaming abroad *from home*, and prowling around those *pit falls* that lure the young to certain ruin.

No man has a right to bring up his children without surrounding them with books. It is a wrong to his family. He cheats them. Children learn to read by being in the presence of books. The love of knowledge comes with reading, and grows upon it. And the love of knowledge in a young mind is almost a warrant against the inferior excitement of passions and vices. It is a man's duty to have books. A library is not a luxury, but one of the necessaries of life.

"He who will not provide for his own household is worse than an infidel," this says the Scripture.

STEAM POWER FOR CULTIVATION.

We give the present week a continuance of the subject of Steam Cultivation in Europe, or reports made to the Agricultural Department at Washington, and which has been published to show its value as the means of producing larger crops.

We are satisfied that the European system will never be adopted in our country, at least to any extent. The American people must have an Implement that will march over our soil "like a thing of life," and stationary engines will never do.

We remember well the great exertions made by "Coffin & Standish" to perfect their Implement. We regret their present loss, delays, and trials; yet, we hope for them still. We say to them: "*It will not do to give it up so.*". Others have tried. There have been several machines made, but "the end is not yet."

We copy the Editorial of the *Butte Record*, of the "trial made at Chico." We give the opinion of the Editor, and we regret we could not have been there personally. We have however, received from those who were present, information which satisfies us that however much credit is due to Mr. Locher for his zeal and earnestness, and for his labor and heavy cost, *The present trial of his Steam Plow was not a complete success.*

We regret so to speak, but our words will be found true, and from what we have seen thus far of the Steam Plow results, we are satisfied the RIGHT ONE is not yet made.

There are several Pre-requisites required as the result of Steam Plowing before the great and grand results shall be attained. They are these:

1st. The earth should be turned to a greater depth than is accomplished by any ordinary plow.

2d. The action of the Steam Plow should be such as to *turn over the soil*, as is the case with the common plow, but to a much greater depth. This is absolutely needed so as to let in light and air and bury all noxious weeds that eat out the surface soil, and also to bring up the virgin soil that lies buried below, this is the only possible way that can be devised to resuscitate the soil and prevent it from becoming foul and running out for want of air and food.

3d. The Steam Plow should be able not only to *turn up* and *turn over* the soil, but it should pulverize it finely, breaking it up completely, leaving the soil like *meal*. The ordinary kinds of plows *do not* pulverize the soil; hence, the lessening of our grain crop.

It is a well known fact that our grain lands are not *half plowed*—there is too much of the *scratching* system, 3, 4, and 6 inches. Our lands should be cultivated 10, 12, and 16 inches deep; this would drain wet lands and bring moisture to dry lands.

We hope each of the designers of the Steam Plows that have been tried may still persevere until they attain success and reap the reward due to earnest workmen and ingenious Mechanics.

We hope to hear from all who are interested in these enterprises.

THE CENTRAL PACIFIC RAILROAD.

The successful and very rapid progress which is now making on this great highway, very clearly proves the great efficiency of the President and Directors of this route, and we are glad to know that the Central Pacific Railroad, i. e. the California side is BOUND TO WIN IN THE RACE for the Grand Centre. CALIFORNIA MUST WIN!

The Central Pacific has now progressed nearly 575 miles from Sacramento, leaving only about 150 miles to make before reaching SALT LAKE! Never before in the history of the world has any great "Public Work" made such a glorious and successful advance, and when the public mind shall truly conceive the vastness of the enterprize and more than Herculean labor performed, they will duly appreciate the energy and enterprize of the men who have thus far, against innumerable obstacles so triumphantly carried on this great work.

Let it but be remembered, that in this work now progressing across the *Desert* 400 *miles of this road* has to be supplied with wood, water, provisions, etc., besides the hauling of all the material to build with, and this required the following labor, for every mile of road laid, it required 100 tuns of railroad iron per mile, 2,500 ties per mile, with spikes, nails, etc., and for 40 miles of this distance, special trains are required for hauling water for man and beast. And when it is remembered that there were at work on this road to be thus supplied with water and food, 1,500 animals, and 8,000 men, then the magnitude of the supplies can be comprehended, while portions of this time they had to contend against ice and snow.

The Indians about whose ferocity many statements have been made in other sections, *here on the Central Pacific Road*, no trouble has been had. The *Indians have been treated kindly*, and they have appreciated it; the "Wm. Penn" doctrine of kindness made them *Friends and Helpers*.

The same thoughtfulness has been manifested for the animals working on the road. 1200 blankets were used to protect the horses at work (does any other public work show such care of the Dumb Beast?) In addition to all the material which we stated had to be hauled over the road, we should say all the workshops, the blacksmiths' forges, fires, barns for stock, and shanties for men had to be continually carried forward, as the road swept on at the rate of 2, 3, or 4 miles per day. When all the labor shall be considered, there will be some excuse for the delay of any *freight* that *grumblers* say was delayed on the route.

ABOUT FREIGHT AND PASSENGERS.

Persons and newspapers that know nothing about this road often grumble and complain and say it is a "Great Monopoly." Well, the sins of the ignorant should be winked at, but there is one fact which should be kept in mind by all reasonable men — our laws about Railroad freights are made by mere Politicians who know but little about such matters, and they say these *monopolies* shall have only *so much per tun*—that is enough; but they make no distinction whether it is a *pound of lead* or a *pound of feathers*—they go on the old maxim, a pound is a pound everywhere.

Whenever a *Just Tariff* shall be required by law, there will be a due consideration of the articles to be transported, for a thousand tuns of "pig iron" or granite can be conveyed in less number of cars than the same number of tuns of blankets or wool. One thing is very certain, that *no Legislation* will prevent the President and Directors of the Central Pacific Railroad from acting as much and as truly for the Public weal as any political trio or lobby legislation, for at the present moment this road are doing all in their power voluntarily, to meet the wants of those whose business interests lay along the route. Already they send freight often at less than their tariff, and on return freight they deduct ¼ and ⅓ fares voluntarily.

The Directors of this road know their own true interests are identified with the Public, and the Public mind knows it too. Already the *Bonds* of this Road are at par, and none for sale—all withdrawn from the market. This is a proof of their value.

There will be business enough for this road to do with all the force they can put on, and the business will require a double track at the earliest moment. There are now 110 locomotives at work on the road, and every steamer and clipper ship brings material for this work, which now rushes on with almost lightning speed to its FINAL TRIUMPH.

We have authority to say from information from responsible quarters, that the Road will be completed by May 1. What a glorious *May Day* celebration this would be!

DECLINE OF WHEAT IN NEW YORK.

The decline in the price of wheat is quite noticeable, in twelve months, amounting to 42 cents per bushel in New England, 56 cents in New York, 47 cents in New Jersey, 45 cents in Pennsylvania, 71 cents in Ohio, 77 cents in Illinois, 48 cents in Iowa, with differences less striking in the Southern States, which grow cereals only for home consumption. In the central and populous parts of the West the prices are this year lower relatively to the more Western and Northwestern States than last year; as Illinois compared with Iowa, $1 97 to $1 43 last January; $1 20 to 92 cents now. The price of barley is, on the contrary, higher than in January last, in most of the States. Oats maintain their former rate in some of the New England States, but show a decline in the Middle and most of the Western States, except in Kansas, where they are higher than last year.

CALIFORNIA BORN CAMEL.—On Friday morning last, there was born at Woodard's Gardens, a male camel; the first born on the Gold Coast—he should be named *Francisco*. Who will raise an elephant?

—The Chicago cattle yards have 150 acres floored with plank. There are pens for 75,000 cattle, 20,000 sheep, and 20,000 hogs.

RAMBLES IN THE COUNTRY.

We promised a continuance of our [illegible] which we had some little time since [illegible] Clara and San Jose.

We had spoken of San Jose previously only in part. We had visited Mr. Prevost has since taken steps, as we learn to [illegible] "Los Angeles," whether as a permanent or partially so. We also visited the [illegible] Silk Factory by Mr. Neuman, and very much regret we cannot see arrangements made by this enterprize on a liberal scale. We [illegible] Mr. Neuman would but yield up his own views and feelings, there are men of liberal and feeling, men of capital that would go into the enterprize and make it a grand and unless Mr. Neuman shall do so, they must either wait, or new comers from abroad step in and reap the benefit.

We also visited the Orang Flouring [illegible] the Lumber Yards near by, which by the ness, indicates a rapidly growing place.

We visited the Plaza to witness the [illegible] of the growth of the Trees and Plants, fully designed and planted by Wm. O[illegible] Esq., and contrasted their beauty and [illegible] our own bleak and poor Portsmouth Square Post-Office grounds; both of which more a cemetery than Public Ornamental grounds.

We were also at the Nursery Grounds of Fox & Farney, whom we found busily loading their teams with trees and vines. Nurseries are extensive, and their trees choicest varieties, and the very best [illegible] This firm never sends away a poor article they deal in inferior stock. When they [illegible] that is *not* sound and good, they do not customers, it goes upon the *brush heap*.

Mr. Cox is now planting extensively fruits—some 35 or 40 acres. This very wise move, for all such fruits will at full prices for years to come, for our Apples, Grapes, and other solid fruits will to the Eastern markets *via* Pacific Rail

The collection of choice Fruits exhibited San Jose Fair last autumn by Mr. Fox, Farney, their two collections were the best exhibited in this State, and equal and samples to any yet exhibited in our

Rambles in Napa and Berryessa next week.

Editor's Chair,

[Here we shall hold our special weekly our Readers and Correspondents, and call their attention to such articles in *our Journal*, to which we would direct attention.]

WISDOM IN THE SOUTHERN STATES.—with delight the admirable precepts we ly find in our "Southern Exchanges," lent counsels given week after week in cultural Journals of the South, indicate some state of the *public mind*, that is and it will be well if our *Northern people* take a little of their good counsel. We ticularly to the excellent articles we week on *Female labor*, from the "Corolina and *The Future of American Agriculture*, "Dixie Farmer." We wish our own would have more of the same talk.

CALIFORNIA EXOTIC FRUIT.—We spoke week of some very superior Fruit which to us from Los Angeles.

We know that many fair lands bear ous fruit, but we feel sure that no fairer er was grown, even in the "Garden of

Acknowledgements.

Articles Received at the California Farmer Rooms, No. 320 Clay Street.

We have received "Peters' Musical handsome magazine of the large quarto and issued in handsome style, Peters, No. 198 Broadway, New York. azine contains numerous new musical this house, who are now sending forth of new music continually—this magazine many pieces to be found in no other pub

OVERLAND MONTHLY.—We think we can feel justly proud of the "Overland a California Periodical of very great merit reflecting the highest credit upon the Mess. Roman & Co. and all connected

ORANGE TREES.—We acknowledge the very handsome "Orange Tree" in full the Nursery and Garden of Mess. Viaren San Antonio, whose Seed Store and room is on Sansome Street, near where very fine trees can always be

We have the January number of *Agriculture*, from the Department at Washington valuable data. Thanks to the for the same, with other matters of

We have the Catalogue of the Oakland School, the Preparatory Department of of California.

This College is supplied with the [illegible] sors, ample in number in each depart whole number enrolled on the list, the students entered during the last 178, making the entire number 478 indicates great prosperity. This is one Colleges and worthy of public confidence.

—I plows, I sows, I reaps, I mows, wood for winter. I digs, I hoes, and and for what I knows I'm indebted to I do suppose all knowledge flows, printing press, so off I goes in three and settles up—I guess.

—Learning makes a man fit company self.

TRIAL OF THE STEAM PLOW.

A numerous crowd of people from the surrounding country, with several gentlemen from a distance, were present in town on Wednesday, to witness the performance of the steam plow. No attempt was made to see how much ground it would plow in a given time, although one or two gentlemen timed the plow while it was crossing the field, and then calculated the amount of ground it had turned over. These figures we have not seen, and therefore have no correct idea of the number of acres it might accomplish in a working day of ten or twelve hours. It was run at odd spells during the day, and ploughed some five or six acres. The universal expression of all who witnessed its performance, and with whom we conversed, was that it was a success and from this time forward, we claim the steam plow as a triumph, and for Butte county the honor of originating this great desideratim in agriculture that the inventive genius of the old world has failed to produce. We do not claim perfection for this machine. It is, undoubtedly, as susceptible of improvement as was the first steamer that navigated the inland waters of our continent. Its speed and capacity may be increased, the execution of its work may be improved, and its weight diminished; but it stands to-day, a complete steam plow, capable of entering a field and preparing it for the reception of seed, in a more thorough, expeditious and cheaper manner than it can be accomplished by any other known process. The field where it worked on Wednesday contained an occasional boulder and two or three points were broken. The breaking of one of the three points revolving in a line, did not appear to diminish the thoroughness of the work, the remaining two performing it admirably. The machinery worked well and no accident occurred to interrupt the demonstration of its ability to thoroughly perform the service required of it. In a field properly prepared for cultivation, there should be no boulders left to interfere with the rapid upturning of the soil, and of course there would be no breaking of plow points. A recent trip to Chico, and a visit to some of the magnificent grain fields of that township, where the ordinary gang plows were being used, has about led us to the belief that, if there is anything worth considering in the thorough pulverization of the earth and the sub soil theory, every extensive farmer of that vicinity, by employing this plow, would realize a much larger yield per acre, and that the increased crop of a few hundred acres would pay the expense of the steam plow in a single season. We may be mistaken in this, but, if ground when plowed to the depth of three or four inches, and left in a lumpy condition, will produce thirty bushels to the acre, turning it from a depth of six or seven inches, and thoroughly pulverizing the soil, ought to materially increase the crop. That this can be accomplished by the Locher Steam Plow, was fully demonstrated on Wednesday last. The genius, patience and perseverance that has accomplished this, is worthy of all praise, and we hope that Messrs Locher may realize a fortune, as well as the satisfaction that they now feel in the success of their steam plow; and that the farmers of Butte county may be the first to realize the benefits of this grand home invention.

P. S.—Since the foregoing was in type, we learn the plow was timed while running across the field, and made four hundred feet in three minutes, ploughing a strip twelve feet wide. This is forty-eight thousand superficial feet in three minutes, and at the rate of three acres per hour, or thirty-six acres per day of twelve hours. —*Butte Record*.

MULCHING PEACH TREES.

A correspondent writing from Willisville, says that last year a friend of his threshed his oats in his orchard and then placed the chaff under a peach tree to the depth of 12 or 14 inches. The result was that the peaches on that tree were twice the size of the same variety on other trees. He wishes to know if it would be injurious to young trees to protect them in that manner from severe frosts through winter.

Mulching under most conditions is valuable, and to a small extent practicable, but our large peach orchards must depend mainly on clean, thorough culture for their fine crops. Thorough culture would have presented the same results as did the oat chaff.

In ordinary moist latitudes we agree with the *Prairie Farmer*, from which we clip the above, but here in California we prefer the mulching.

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front Street, near Market,

SAN FRANCISCO,

IMPORTERS

—AND—

JOBBERS

for

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools,

ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMPS,

Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLES, AND MOST DURABLE PUMP IN THE WORLD.

☞ Agents wanted for this Coast. County Rights for sale.

30 6 3m

WALTHAM

WATCHES.

The extensive use of these watches for the last fifteen years by Railway Conductors, Engineers, and Expressmen, the most exacting of watch wearers, has thoroughly demonstrated the

STRENGTH, STEADINESS, DURABILITY: AND ACCURACY

of the Waltham Watch. To satisfy this class in all these respects, is to decide the question as to the real value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a guarrantee of their superiority over all others

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works at Waltham enable them to produce watches at a price which renders competition futile, and those who buy any other watch, merely pay from 25 to 50 per cent. more for their watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in greenbacks, than the gold prices before the war. There is no other manufacture of any kind in the United States of which this can be said.

THESE TIME PIECES

combine every improvement that a long experience has proved of real practical use. Having had the refusal of nearly every invention in watchmaking originating in this country, or in Europe, only those were finally adopted with severe testing by the most skillful artisans in our works, and long use on the part of the public demonstrated to be essential to correct and enduring timekeeping.

Among the many improvements we would particularise:

The invention and use of a

ENTR PINION,

of peculiar construction, to prevent damage to the train by the breakage of main springs, is original with the American Watch Company, who having had the refusal of all other contrivances, adopted Fogg's Patent Pinion as being the best and faultless.

Hardened and Tempered Hair-Springs,

now universally admitted by Watchmakers to be the best, are used in all grades of Waltham watches.

ALL WALTHAM WATCHES

have dust proof caps protecting the movement from dust and lessening the necessity of frequent cleaning, necessary in other watches.

OUR NEW PATENT STEM WINDER

or keyless watch, is already a decided success, and a great improvement on any stem-winding watch in the American Market, and by far the cheapest watch of its quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the United States where watchmakers do not abound, watches with the above mentioned improvements which tend to insure accuracy cleanliness, durability and convenience, must prove invaluable.

Every watch bearing the trade-mark of Waltham is guaranteed to be a thoroughly reliable time-keeper,

To prevent imposition, buyers should invariably demand a certificate of genuineness.

The trade supplied by Messrs. R. B. Gray & Co., San Francisco, Cal., and generally for sale at retail by all respectable dealers.

For other facts and information, address

ROBBINS & APPLETON, Gen'l Agents.

31-4 128 Broadway, New York.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL

LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.

H. F. HASTINGS, Vice President.

JOS. CRACKBON, Secretary.

J. M. GREY, M. D., Physician-in-Chief.

SCHREIBER & HOWELL, General Agents.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO., Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*, Can obtain SUPERIOR SEED at the

FARMER OFFICE.

THE KIRBY CLIPPER MOWER!

IT HAS THE

INDEPENDENT

Action!

IS ALL OF

IRON & STEEL

AND OF REMARKABLY

Light Draft!

THIS IS THE

LIGTEST!

CHEAPEST!

AND

Best Single Mower!

IN THE MARKET.

THE KIRBY MOWER AS SEEN ON LEVEL GROUND.

ONE HORSE can work it by putting on Shafts in place of the Pole and then cut TEN ACRES A DAY. Length of cut, four feet two inches.

When you order EXTRAS for this machine, always state the NUMBER OF THE PART WANTED corresponding with the number on the plates on the list, and also GIVE THE NAME of the part when there is no number on it. By carefully preserving the circular, you can always order your Extras by number and by name. The parts illustrated on this sheet are for the Combined Machine, but the Clipper parts do not differ from them in name except in a very few instances.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose.)

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINTS of your guards LOW by means of the forward bolt in the pole where it bolts to the machine; IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL.

Be sure and keep all the Nuts tight and the Journals well oiled, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the Joint tight where the Pitman connects with the Knife, and then your Machine will work well without trouble or expense.

The nature and working of this Machine may be well illustrated by the following incident:

Our General Agent was in Oregon, setting up and starting a machine for a party that wanted to buy "if it suited and would cut anywhere." He led the way around the field followed by the Agent driving the Machine: as he was led off from smooth ground to where it was rough and boggy, and where it had never been cut over before, the driver simply bore his weight back in his seat, thus elevating the heel of the finger bar and holding it there with his weight, and at the same time elevated the outer end of the bar with the lever at his right, following CLOSE UP to his leader until the level ground was reached again; then he dropped the bar again, having followed the purchaser close all the way through. His curiosity was roused to know how the Machine was brought through without getting STUCK, and the reply was "it was not made to STICK, it was made to go." He followed the Machine around once, and then got on and drove around twice, when a neighbor said: "Mr. Witham how do you like the Machine?" His reply was: "To tell the truth it is a little the nicest Machine I have ever seen, for I can sit here and work my hand and feet and balance the Machine with my weight, all at the same time, I will have to keep it," and paid his money down for the Machine.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.

FARMER OFFICE

Country Homes Wanted.

There is wanted at this time, several Homes in the Country, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

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SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

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The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

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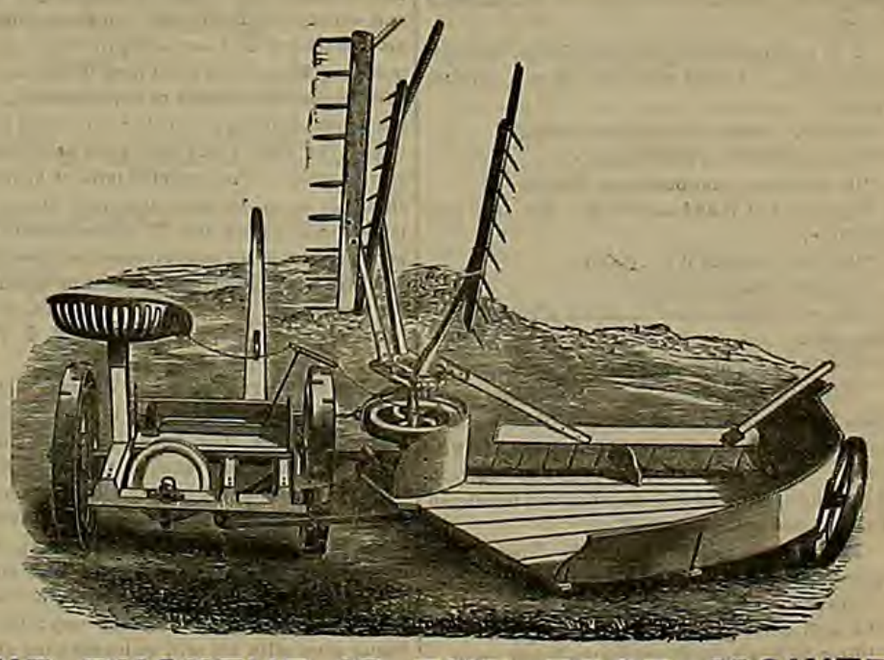

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Home Miscellany.

GOD EVERYWHERE.

I read God's awful name emblazoned high
With golden letters on the illumined sky;
Nor less the mystic characters I see;
Wrought in each flower, inscribed on every tree,
In every leaf that trembles to the breeze,
I hear the voice of God, among the trees,
With Thee, in shady solitudes I walk,
With Thee in busy, crowded cities talk;
In every creature own thy forming power,
In each event thy Providence adore.

ENCOURAGEMENT.

BY MRS. E. C. KINNEY.

When first peeps out from earth the modest vine,
Asking but little space to live and grow,
How easily some step, without design,
May crush the being from a thing so low!
But let the hand that doth delight to show
Support to feebleness, the tendril twine
Around some lattice-work, and 't will bestow
Its thanks in fragrance, and with blossoms shine.
And thus, when Genius first puts forth its shoot—
So timid that it scarce dare ask to live—
The tender germ, if trodden under foot,
Shrinks back again to its undying root;
While kindly training bids it upward strive,
And to the future, flowers Immortal give.

TRUTH—A BEAUTIFUL STORY.

I witnessed, a short time ago, in one of our higher courts, a beautiful illustration of the simplicity and power of truth. A little girl, nine years of age, was offered as a witness against a prisoner, who was on trial, for felony committed in her father's house. "Now Emily," said the counsel for the prisoner, upon her being offered as a witness, "I desire to know if you understand the nature of an oath?"

"I don't know what you mean," was the simple answer.

"There, your honor," said the counsel, addressing the court, "is anything farther necessary to demonstrate the validity of my objections? This witness should be rejected. She does not comprehend the nature of an oath."

"Let us see," said the Judge; "come here my daughter."

Assured by the kind tone and manner of the Judge, the child stepped toward him, and looked confidently up in his face with a calm, clear eye, and in a manner so artless and frank, that it went straight to the heart.

"Did you ever take an oath?" inquired the judge.

The little girl stepped back with a look of horror, and the red blood mantled in a blush over her face and neck, as she answered, "no, sir." She thought he intended to inquire if she had ever blasphemed.

"I do not mean that," said the judge, who saw her mistake. "I mean were you ever a witness before?"

"No, sir. I was never in court before?"

He handed her the Bible open.

"Do you know that book, my daughter?"

She looked at it and answered, "Yes, sir; it is the Bible."

"Do you ever read it?" he asked.

"Yes, sir; every evening."

"Can you tell me what the Bible is?" inquired the judge.

"It is the work of the great God," she answered.

"Well, place your hand upon this Bible, and listen to what I say;" and he repeated slowly and solemnly the oath usually administered to witnesses. "Now," said the judge, "you have sworn as a witness, will you tell me what will befall you if you do not tell the truth?"

"I shall be shut up in the State Prison," answered the child.

"Anything else?" asked the judge.

"I shall never go to Heaven," she replied.

"How do you know?" asked the judge again.

The child took the Bible, and turning rapidly to the chapter containing the commandments, pointed to the injunction, "Thou shall not bear false witness against thy neighbor."

"I learned that," she said "before I could read."

"Has any one talked with you about you being a witness in court here against this man?" inquired the judge.

"Yes, sir," she replied. "My mother heard they wanted me to be a witness, and last night she called me to her room and asked me to tell her the ten commandments, and then we kneeled down together, and she prayed that I might understand how wicked it was to bear false witness against my neighbor, and that God would help me, a little child, to tell the truth as it was before him. And when I came up here with father, she kissed me, and told me to remember the ninth commandment, and that God would hear every word I said."

"Do you believe this?" asked the judge, while a tear glistened in his eye, and his lips quivered with emotion.

"Yes, sir," said the child, with a voice and manner that showed her conviction of the truth was perfect.

"God bless you, my child," said the judge, "you have a good mother. This witness is competent," he continued. "Were I on trial for my life, and innocent of the charge against me, I would pray God for such a witness as this. Let her be examined."

She told her story with the simplicity of a child, as she was, but there was a directness about it which carried conviction of its truth to every heart. She was rigidly cross-examined. The counsel plied her with infinite and ingenious questioning, but she varied from her first statement in nothing. The truth as spoken by that child was sublime. Falsehood and perjury had proceded her testimony. The prisoner had entrenched himself in lies, until he deemed himself impregnable. Witnesses had falsified facts in his favor, and villainy had manufactured for him a sham defence, but before her testimony falsehood was scattered like chaff. The little child for whom a mother had prayed for strength to be given her to speak the truth as it was before God, broke the cunning devices of matured villainy to pieces like a potter's vessel. The strength that the mother prayed for was given her. The sublime and terrible simplicity (terrible I mean to the prisoner and his perjured associates) with which she spoke, was like a revelation from God himself.

GIRLS ON THE FARM.

If it is necessary to the interest of the farm that the boys remain at home, it is no less important that the girls remain there also. Perhaps keeping the girls at home would be the most successful means of keeping the boys there, as youth is always attracted by beauty and grace. The great call for help in cities and manufacturing districts induce great numbers of our middling class of farmers' girls to leave home or situations in farmers' families and seek employment in shops or factories. Although they may earn nominally great pay in these places, their fancied wants require the expenditure of nearly all their wages; and in numerous instances their health becomes sadly impaired, and many of them return home with pale faces and impaired constitutions, instead of the rosy cheeks with which they left home, and with a growing dislike for the plain and substantial things of the country and farm. It would be much better for farmers' girls to stay at home and help their mothers, and their fathers, too, if he has not boys enough. Although they may not have so many fine clothes, costly jewels, and city fashions, they will possess that which is far more desirable—common sense and robust health.

We have Agricultural Colleges for our boys, and by and by these educated and practical young farmers will want healthy and qualified wives. Therefore our girls must wake up and consider the prospects before them, and embrace every opportunity for fitting themselves for healthy and honorable positions.

It is not unlady-like to be able to superintend the entire domestic concerns of their own households. The servants, if such are employed, are far more likely to be faithful and economical if the mistress knows whether the bread and butter are made right or wrong. The ignorance of the mistress of the house in the details of housekeeping is the great cause of the trouble with the Bridgets, of which we hear so much. When we hear ladies complaining of the ignorance and awkwardness of their help, I am often glad that they do not know what I think is the main cause of all these domestic difficulties. "Good workmen never complain of tools." Good generals are always supported by efficient and reliable officers, and by brave and successful soldiers. Good housekeepers are usually fortunate in securing good help, because they can direct and educate their servants. Housekeeping is an art and science that can be acquired only by much practice. There is no royal road to this, any more than in any other branch of our education. It is not acquired at high schools, nor in shops and factories. In factory and shop work girls expect to serve a more or less extended term of apprenticeship, but as to housekeeping very many young ladies seem to think that no apprenticeship or experience is needed. Is it strange that domestic infelicities and even divorces should be fearfully on the increase? (MRS. TRASK)

Reading, Mass. Nov. 27, 1868. in N. E. Farmer.

A PRETTY PICTURE OF TIME'S PATHWAY.—A pretty girl away upon the prairies of Iowa, writing on New Year's eve, thus beautifully describes how old 1868 came and went in the far Northwest: "The year is almost parted. Spring came and strewed the earth with rosebuds that summer's drapery changed into blossoms: autumn, in her russet robes, garnered what spring and summer left behind, and strewed in their stead mellow peaches and golden pears in her way; then old winter came with his soft, white covering of snow to hide the brown old earth, clasping in his icy arms the laughing brooklet, bidding the cascade cease its noisy flow—and the year is gone."

THE GATE OF HEAVEN.—Death is the gate of heaven. The moving of the funeral, the falling of the clods upon the coffin are but the creaking of the hinges as the gate swings open to admit another soul to eternity.

As it thus opens, we seem to catch a glimse of the glories of heaven—like Christian as he gazed upwards toward the celestial city. But the gate closes again upon the loved one forever, and we are shut out for the present. But soon our turn will come, the gate will open for us, and through the portal gilded with the rays of that light which is unspeakable and full of glory, we will be conducted to our eternal home.

—Very touching and beautiful were the words of the old schoolmaster, as life passed away! "It is growing dark—the school may be dismissed." Down to the very gates of an unseen world he carried his love and regard for the children whom he had trained.

—When children are little they make their parents' heads ache, and when they are grown up they make their hearts ache.

—The Velocipede of which so much is said now, is not a new invention by any means; they were ed nearly one hundred years ago.

THE CURSE OF INTEMPERANCE.

RESPONSIBILITY.—A young man in Virginia had become sadly intemperate. He was a man of great capacity, facination, and power, but he had a passion for brandy which nothing could control. Often in his walks a friend remonstrated with him in vain; as often in turn would he urge his friend to take the social glass in vain. On one occasion the latter agreed to yield to him, and as they walked up to the bar together, the bar-keeper said:

"Gentlemen, what will you have?"

"Wine, sir," was the reply.

The glasses were filled, and the friends stood ready to pledge each other in renewed and eternal friendship, when he paused and said to his intemperate friend:

"Now if I drink this glass and become a drunkard, will you take the responsibility?"

The drunkard looked at him with severity, and said:

"Set down that glass!"

It was set down, and the two walked away without saying a word.

Oh, the drunkard knows the awful consequence of the first glass. Even in his own madness for liquor he is not willing to assume the responsibility of another's becoming a drunkard.

What if the question were put to every dealer, as he asks for his license and pays his money:—"Are you willing to assume the responsibility?" How many would say, if the love of gain and money did not rule, "Take back the license?"

—An exchange estimates merely the time wasted in intoxication, and the destruction of property resulting from the careless and crimes of intoxicated persons at $300,000,000 per annum. And it concludes thus: "This brings our annual taxation for 'free rum' up to $2,550,000,000 or considerably more than the entire principal of the national debt."

RUM IN LONDON.—By the records of that great city nearly 200,000 Englishmen get madly drunk in that city annually.

DOMESTIC SCENE.—"Pretty time of night, Mr. M——, for you to come home—pretty time, three o'clock in the morning; you, a respectable man in the community, and the father of a family."

"Tisn't three—it's only one; I heard it strike, Council always sits till one o'clock." "My soul! Mr. M——, your'e drunk—as true as I,m alive; your'e drunk. It's three in the morning." "I say Mrs. M——, it's one. I heard it strike one as I came around the corner, *two or three times.*"

His spouse could say no more; so she retired.

HAIR GRAFTING.—One Innis, a colored barber in Jersey City, has made the treatment of premature bald heads a special study, and after a series of experiments has demonstrated the fact that hair may be grafted into such a head and made to grow. He takes hair from the head of another person, and examines it with microscope to ascertain if it is perfect and healthy. This hair he inserts into the cavities of the scalp and secures it to its place by bandages which are allowed to remain a few days until the hair takes root.

SWEET POTATO PUDDING.—One pound of sweet potatoes, boiled and mashed fine, or grated while hot, six eggs well beaten, three-quarters pound of sugar, the same of butter, a grated lemon rind, and nut-meg, a wine glass of brandy; line the dish with paste. When it is baked sprinkle the top with pulverized sugar.

—A lady who is given to tattle sent for her doctor, and inundated him with a list of her troubles. "You need rest, my dear." "But look at my tongue, doctor." "Yes—that needs rest, too."

—There are minds which adorn and enrich all they touch, which can learn wisdom from a flower, pity from a blade of grass, can find "sermons in stones, and good in everything."

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO.

Miscellaneous.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S. J. President.

THE CHURCH UNION.

This paper has been recently enlarged to mammoth proportions. *It is the Largest Religious Paper in the World.* Is the leading organ of the Union Movement, and opposes ritualism, close communion, exclusiveness and church caste. It is the only paper that publishes Henry Ward Beecher's Sermons which it does every week, just as they are delivered,—without qualification or correction by him. It advocates universal suffrage; a union of Christians at the polls; and the rights of labor. It has the best agricultural department of any paper in the world: publishes stories for the family, and for the destruction of social evils. Its editorial management is impersonal: its writers and editors are from every branch of the church, and from every grade of society. It has been aptly termed the freest organ of thought in the world.

Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

The agency for the *Church Union* is the *California Farmer* Office, San Francisco, where subscriptions will be taken and copies furnished.

Send for a copy, enclosing 10 cents, to

30-22 HENRY E. CHILD, 41 Park Row, New York.

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....AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,
Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICHTHOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORRILLA, which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 29x1

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Long Bunches, rich and delicious.
THE LA PALLEAU.
A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.
BLACK NAPLES.
Very fine for preserves and Jellies.
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A splendid Table Fruit.

Choice Plants.

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PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental Variety
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Rare Kinds ROSES,
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We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

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THE
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FLAX STRAW
—DELIVERY AT PRESENT OR NEXT SEASON.—

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A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

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The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

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Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

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Miscellaneous.

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Of the Very Best Brands only.

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LUXURIES FOR THE FAMILY
at all seasons of the year.

We call particular attention at this season of the Festival Days, to the following desirable Articles:

NONE BUT THE BEST OF
TEAS, every Choice Brand known.
COFFEE, Very Extra Varieties.
Sugars, Syrups, Spices,
Flour, Meal, Butter, Cheese,
Eggs, Lard, Hams, Beans,
Peas, Rice, Farinaceous Foods,
All kinds California Dried Fruits, in cases,
Table Meats, great variety,
Raisins, Prunes, Currants, Figs,
Chocolate, Cocoa, Olives,
Pickles, in endless variety,
Sauces, Preserves,
Hermetically Sealed Goods,
All kinds Jellies, Jams,
Sweetmeats, &c.
Toilet Soaps, Family Soaps, Starch,
Special styles put up for use of
Fruits in Brandy,
Potted Meats, Fish,
Condensed Coffee, Condensed Milk,
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Portable Lemonade,
and all needed articles of this kind.
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The "P. S. Bartlet" movement, with extra compensation balance. Patent Dust Cap, Patent Safety Pinion, and all other late improvements, in 3 oz. Coin Silver Hunting case, with Gold Eagle coin.
The same in 4 oz. case, $30. In 5 oz. case, $

The "Waltham Watch Co.," movement with Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, &c., in 3 oz. case, with Gold Eagle coin.
The same in 4 oz. case, $33. In 5 oz. case, $35

The "Appleton, Tracy, & Co," movement, with Jewels Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, in 3 oz case, Gold Jeweled
The same in 4 oz case, $37. In 5 oz $39

"P. S. Bartlet, Watch in two and a half oz Gold Hunting Case, $30 coin.
"Waltham Watch Co" Watch, in two and a half oz 18 karat Gold Hunting case, $34 coin
"Appleton Tracy & Co," Watch, in two and a half oz 18 karat Gold Hunting Case, $37 coin
Any additional weight at $1 per pwt, or $1 50 per oz extra.

We will send any of the above by Wells, Fargo & Co with bill to collect on delivery, and give purchaser the privilege to examine the watch before paying. Express charges, however, to be paid by the purchaser. But if the amount of the price of the Watch is sent to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money by Express on Wells, Fargo & Co, are preferred.

We wish it distinctly understood that our Watches are the very best, and with all the latest improvements, and that they are in perfect running order when from the manufacturer accompanies each watch, and if any one does not perform well, we will exchange or refund the money.

Please state that you saw this in the California Farmer.

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31-4

Prang's Beautiful Chromos.

Those who wish to see these most beautiful Chromos, and who wish to order the same, can see a specimen collection of them at the

"FARMER OFFICE."

Those which are advertised by these Artists, can nearly all be seen at our office, as we receive copies, and they are, indeed, beautiful. We have them on sale. WARREN & CO.

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest Grapes, either in
STRONG ROOTED VINES
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Good Healthy Cuttings

Can secure the very choicest Many varieties of vines, that will show fruit the present year
THE RAISIN GRAPE

Strong jointed vines of this very desirable Grape had with all others at FARMER

Miscellany.

A DUTCH CURE.

Ven I lays myself town in my lonely pet-room,
Und dries for to sleep very sound;
De treams ob, how into mine het dey will come,
Till I wish I vas under de ground.

Sometimes, ven I eats von pig supper, I treams,
Dat my sthomack is filt full of sthones,
Und out in my sleep, like de night owl I schreams,
Und kicks off to ped clothes and groans!

Den dare, ash I lays mit to ped clothes all off,
I kits myself all over froze;
In de morning I vakes mit the het ache an koff,
Und I shick from mine het to mine toes.

O, vat shall pe done for a poor man like me—
O, vat for I leat such a life?
Some shays dere's a cure for dis trouble of me—
Dink I'll try it, and kit me a WIFE.

ORIGIN OF THE NAMES OF STATES.

Maine was so called as early as 1623, from Maine in France, of which Henrietta Maria, Queen of England, was at that time proprietor.

New Hampshire, was the name given to the territory conveyed by the Plymouth Company to Captain John Mason, by patent, Nov. 7, 1629 with reference to the patentee, who was Governor of Portsmouth, in Hampshire, England.

Vermont was so called by the inhabitants in their Declaration of Independence, Jan. 16th, 1777, from the French, *verd mont* (the green mountain.)

Massachusetts was so called from Massachusetts Bay, and that from the Massachusetts tribe of Indians in the neighborhood of Boston. The tribe is thought to have derived its name from the Blue Hills of Milton. "I have learnt," says Roger Williams, "that the Massachusetts were so called from the Blue Hills."

Rhode Island was so called in 1664 in reference to the Island of Rhodes in the Mediterranean.

Connecticut was so called from the Indian name of its principal river. Connecticut is a Moeheakanneew word, signifying *long river*.

New York was so called in 1664, in reference to the Duke of York and Albany, to whom the territory was given by the King of England.

New Jersey was so called in 1664, from the Island of Jersey on the coast of France, the residence of the family of Sir George Cartaret, to whom the territory was granted.

Pennsylvania was so called in 1681, after William Penn's daughter—Sylvania.

Delaware was so called in 1703, from Delaware Bay, on which it lies, and which received its name from Lord de la War, who died in this Bay.

Maryland was so called in honor of Henrietta Maria, Queen of Charles I., in his patent to Lord Baltimore, June 30, 1632.

Virginia was so called in 1584, after Elizabeth, the virgin Queen of England.

Carolina was so called by the French in 1564, in honor of King Charles IX., of France.

Georgia was so called in 1732, in honor of King George II.

Alabama was so called in 1814, from its principal river, it being an Indian name, signifying *here we rest*.

Mississippi was so called in 1800, from its western boundary. Mississippi is said to denote the *whole river*, i. e. the river formed by the union of many.

Indiana was so called in 1809, from the American Indians.

Ohio was so called in 1802, from its southern boundary.

Missouri was so called in 1821, from its principal river.

Michigan was so called in 1805, from the Lake on its border.

Arkansas was so called in 1812, from its principal river.

Florida was so called by Juan Ponce de Leon, in 1572, because it was discovered on Easter Sunday; in Spanish, *Pascua Florida*.

Columbia was so called in reference to Columbus.

Wisconsin was so called from its principal river.

Iowa was so called from its principal river.

Oregon was so called from its principal river.

Minnesota, or the Wandering Water.

SLEIGHING IN RUSSIA.

When the roads are rough the continual jolting of the sleigh is very fatiguing to a traveller, and frequently, during the first two or three days of his journey, throws him into what is very properly designated the road-fever. His pulse is quick, his blood warm, his head aches, his whole frame becomes sore and stiff, and his mind is far from being serene and amiable. In the first part of my land journey I had the satisfaction of ascertaining by practical experience the exact character of the road-fever. My brain seemed ready to burst, and appeared to my excited imagination about as large as a barrel; every fresh jolt and thump of the vehicle gave me a sensation as if somebody were driving a tenpenny nail into my skull; as for good nature under such circumstances, that was out of the question, and I am free to confess that my temper was not unlike that of a bear with a sore head. Happily, however, I kept it pretty well to myself, and as my companion was affected about as I was we managed not to disagree.

Where the roads are good, or if the speed is not great, one can sleep very well in a Russian sleigh; I succeeded in extracting a great deal of slumber from my vehicle, and sometimes did not wake for three or four hours. The Government couriers often suffer much from loss of sleep, as they are compelled to maintain the utmost limit of speed without regard to their own convenience. Sometimes the roads are in such wretched condition that one is tossed in his vehicle to the height of discomfort, and can be very much likened to a lump butter in a revolving churn. In such cases sleep is almost, if not wholly, impossible, and the traveller, proceeding at courier speed, must take advantage of the few moments' halt at the stations while the horses are being changed. As he has but ten or fifteen minutes for the change, he makes good use of his time and sleeps very soundly until his team is ready.—*Thos. W. Knox, in Harper's Magazine.*

A COLLECTION OF ITEMS.

ILL-GOTTEN WEALTH A CURSE.—If a man is a fool to expect wealth by dishonest means, he is still a greater fool if he expects that wealth so acquired will render him any enjoyment! What! enjoyment for you—you who have obtained wealth by falsehood—by deception—by extortion—by oppression; you expect enjoyment? Listen, listen to the hearty denounciations of all honest men; to the awful imprecations of those you have injured; to the reproaches of your family, whose name you have dishonored; to the accusation of that conscience whose voice you have stifled; and to the awful thunder of that heaven whose laws you have outraged! Listen to these—these are the *enjoyments* that will attend your ill-gotten wealth. "He that getteth riches and not by right, shall leave them in the midst of his days, and at his end shall be a fool."

INTERESTING EXPERIMENT.—Take a sheet of coarse paper, and after holding it before the fire until it is perfectly dry, fold it into a long strip of about two inches wide. The magnet is now complete. To exhibit the attractive power, cut some strips of writing paper about three inches long and about as wide as one of these lines; place them upon the table, three or four together. Now take the magnet and draw it briskly under the arm two or three times; its electro-magnetism is instantly developed, and becomes apparent when held over the small strips of writing paper, veritably by the wings of lightning.

A CALIFORNIA MILLIONNAIRE.—A letter from San Francisco, speaking of the richness of the White Pine Mining District in Nevada, says there is now in that city a middle-aged man, who a year since was at work by the month as a mechanic, and not worth a dollar. To-day he is worth at least $1,000,000 in hard coin, and his income from one mine alone in White Pine is over $10,000 per day. He is investing his money in real estate, in San Francisco. The other day a friend was joking him on the subject of marriage, remarking that he could now marry any young lady in San Francisco, to which he replied: "Well, I know a gal out West who was willing to marry me when I hadn't a cent, and now I'm able, I'm going to marry."—*Boston Herald.*

A green looking chap from the Green Mountain State went over the line and on to Montreal, "to look around a leetle." Going into a large and handsome dry goods store, his verdancy attracted the attention of the proprietor, who attempted to quiz him but unhappily having an impediment in his speech he had to give it up, and his clerk came forward to speak for him. He began:

"Mr. Bull wishes to know if you can tell him why Balaam's ass spoke?"

"Waal," said Jonathan, I rather guess as how Balaam was a stuterin' man, and his ass had to speak for him."

Good for Jonathan.

—"Billy, how did you lose you finger?"

"Easy enough," said Billy.

"I suppose you did, but how?"

"I guess you'd a lost yourn, if it had been where mine was."

"That don't answer my question!"

"Well if you must know," said Billy, "I had to cut it off or else steal the trap."

—A good story is told of a hard-shell Baptist missionary in Medina, who had become mixed up in land speculations in Minnesota. On entering his pulpit recently, he announced to his congregation at the opening of divine service, that his text would be found in "St. Paul's epistle to the Minnesotians, section four, range three, west."

—If a man fails to the amount of a million, it is all right; but let him fail to the amount of his board bill, and he is a scoundrel.

—"How do my customers like the milk I sell to them?" "Oh, they'll all think it of the first water."

—Many people who drop a tear at the sight of distress, would do much better to drop a six pence.

—Solomon advises the sluggard to go to the ant, but the shiftless of the present day go to their uncle.

—The anxiety that a man feels for the want of funds, is called CAPITAL punishment.

THE PHOTOSCOPIC TABLE COMPANY.

THE NEW INVENTION of this Company is known as ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest effect of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes and desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place, No. 23 KEARNY St., west side upstairs, to which they cordially invite the public to examine them. 32-1

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES.

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO
20-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers

AND

Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tuns Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30-23 King St San Francisco.

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.
HURON, ERIE CO., OHIO.

Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Daviso Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these ne and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

Insurance.

PACIFIC

INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL.....$750,000 00
SURPLUS, July 1st.....363,802 82
CASH ASSETS.....$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN.
MARINE.
INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
A. Seligman,
L. B. Benchley,
Wm. Sherman,
L. Sachs,
Jas. De Fremery
J. G. Bray,
J. B. Newton,
David Stern,
D. O. Mills,
J. G. Kellogg,
G. H. Howard,
Moses Heller,
H. M. Newhall,
G. T. Lawton,
Edward Martin,
Chas. Mayne,
Moses Ellis,
E. L. Goldstein,
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Morton Cheesman,
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CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the antifriction will adhere to and keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

on the red cover of the package:

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

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123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD, China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 63 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

(Corrected Weekly, by Editor Farmer.)

San Francisco, March 4.

Grain, &c

The Grain Market this week shows conclusive evidence of a still further decline abroad which must most materially effect our interests at Home—The Liverpool quotations come to us at 10s. 3d. being the lowest point for a long time, while New York quotation have receded from $2,20 back to $1,80 per bushel currency, in about one month.

Such facts as these should show our grain growers that there is but one sure way for them, always sell their crops at the "Harvest time"—Let them go back for the entire period of California culture, and they will find the average best at the Harvest.

There may be local causes that would cause a rise at other seasons, but the only safe course for the Producer is to sell at the *Harvest time*. We have watched these interests for nearly *sixteen years* and we can aver with a certainty that the safe course is that we have pointed out.

The information that comes to us from Europe and the Eastern States clearly show that little or no grain will be sent abroad, unless of a lower rate, than formerly.

Our Grain growers may be well satisfied if the opening season will secure to them any certainty for 1½c for their very best wheat, the average price cannot exceed 1½c, for the amount planted this season is beyond all conception great.

Were we to say to our grain growers that the large amount of surplus wheat now on hand in this State would require *one hundred and fifty vessels to carry it away*, it would be esteemed a large or excessive statement yet it would not alter the *Facts* of the case, and the prospective crop of 1869, added to what is on hand will require Six Hundred Ships, to Export the same. What then will be the condition of our Grain Market here the coming Summer and Autumn?

We speak from knowledge of the amount planted, and the present prospect of an abundant crop, for it is very certain that the grain was never planted in a better manner, nor has it ever promised so well as at the present moment.

That the amount planted is very large, we can name many amounts from 5,000 to 8 and 10,000 acres each, and there are single planters as high as 12,000 to 17,000 acres each.

We are glad to know that the favorable weather during January and late into February, induced quite a liberal planting of Barley which we think will pay the planter well.

Our Grain growers who read the Daily papers will see that we have nearly *Thirty Vessels* in port waiting freight, but little or no grain going forward.

Our advices are favorable from the East for the Spring clip of Wool which will be very large in California this year and of a superior quality.

Wheat California, ₱ 100 lbs	$1 50	@	1 60
do Extra	1 85	@	1 70
Barley, ₱ 100 lbs	2 20	@	2 25
Rye ₱ 100 lbs	3 50	@	3 75
Oats, California, ₱ 100 lbs	2 05	@	2 25
Corn ₱ 100 lbs	1 62	@	1 75
Flour, Superfine, ₱ bbl	4 50	@	4 75
do Extra	5 00	@	5 50
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 75	@	5 00
Corn Meal, ₱ 100 lbs	2 75	@	3 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	21 00	@	23 50
Middlings ₱ ton	30 00	@	32 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	5 00	@	7 50
Potatoes	75	@	1 00
do sweet	2 00	@	2 50
Onions	2 75	@	3 50
Hay, ₱ ton, extra	15 00	@	20 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Retail Prices in the Fruit Market.

During the past week our Fruit Market has been brightened up with a good supply of Pine Apples, Bananas, Oranges, Citrons, Lemons and Limes. The Pine Apples in some instances were exceedingly fine, and well ripened, and handsome. Often have we given ten, fifteen and as high as twenty dollars each, in Covent Garden Market, London, for Pines not better than what can be purchased here at one dollar each.

Strawberries have come rather sparingly to hand this week. We observed some pretty specimens of the "Burre gris d'Hiver Nouveau Pear," it is an excellent variety of rich flavor, and a free bearer. it is well worth the attention of our orchardists, on account of its keeping qualities; with care the pear can be preserved until May. Apples as a rule are very indifferent in quality, and not over plentiful.

Apples, ₱ box	2 00	@	4 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	—	@	1 00
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15

Retail Prices in the Vegetable Market.

The Market has been well supplied with salads of the leading varieties; also, with cabbages and Broccoli, the latter of which are unusually fine, more particularly the "Chappells Cream Broccoli" one we measured at Messrs. Stewart & Buckley's, was sixteen inches in diameter and close upon fifty inches in circumference, when cut it weighed upwards of sixteen pounds. They had a large stock on hand and many equally fine. These were grown by a gardener near this city, and one who knows from experience that good gardening pays best. The Broccolis were richly manured and planted a fair distance a part; hence, the fines of them and the good price they realized—it will be observed from the prices below, that the Spring is making rapid strides upon us. Green peas have fallen from one dollar to twenty-five cents per pound, and other articles in proportion.

Asparagus, ₱ lb	15	@	25
Artichokes, (Fr.) ₱ doz	75	@	1 00
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	150	@	1 50
Carots, ₱ doz	10	@	15
Celery, ₱ bunch		@	25
Cress, ₱ doz. bunches	—	@	—
Cucumbers, ₱ doz	1 00	@	1 25
Cranberries, ₱ gall	1 50	@	200
do eastern, ₱ gall		@	50
Dried Herbs, ₱ doz	—	@	—
Egg Plant		@	
Garlics new		@	1 25
Green Peas, ₱ lb	—	@	—
Green Corn, ₱ doz ears	25	@	37
Lettuce, ₱ doz bunches		@	75
Mushrooms, open growth, ₱ lb		@	1 00
do cultivated	8	@	8
Onions, ₱ lb	20	@	25
Horseradish		@	25
Okra, dried, ₱ lb	1 25	@	1 50
Potatoes, ₱ 100 lbs		@	
do do new		@	
do Sweet		@	
Pumpkins		@	
Parsnips, ₱ doz bunches	25	@	25
Parsley		@	
Pickles in jars, each	25	@	25
Rhubarb ₱ lb		@	
Radishes, ₱ doz bunches		@	
do yellow		@	
do black, ₱ bunch		@	
Green Peppers		@	
do Red		@	
Squash, Summer		@	
do Marrowfat		@	
do Hubbard		@	
Beans, String		@	
Green Limas, shelled		@	
Spinage, ₱ basket		@	
Salsify, ₱ bunch		@	
Turnips, ₱ doz		@	
Tomatoes, fresh, ₱ lb		@	

Fish

(Tessmore and Hayes.)

The extreme warmness of the season has caused an unusual demand for lighter food in shape of Fish, and thanks to our brave boys who have kept up the supply. Salmon (at this period of the season) was never known to be so cheap—in fact it is the cheapest variety in the market, and of course the best. One pound of Salmon is equal to two or three pounds of most other sorts. Our Golden Gate and its connexions must be too rich for the commoner sorts of fish, such as Herrings and Sea Bass, for at present and for some time past there has been none in the Market.

Salmon, ₱ lb	—	@	10
do smoked, new	—	@	30
do pickled, ₱ lb	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	—
Smelts	8	@	10
Perch	—	@	12
Rockfish	10	@	12
Codfish, dry	—		18
Herring, fresh		@	—
do smoked		@	1 00
Tomcod	—	@	12
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

Meats.

(L. Miller & Co.)

Our remarks last week are quite applicable to the appearance of things this week; our graziers must be up and stirring—otherwise Oregonians will be taking the lead by sending us finer Beeves, etc., than are (are as a rule) to be had in this State. Prices firm.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

Poultry and Game.

(A. A. Louderback,)

The Market has been well supplied this week, nevertheless the wholesale prices are good, leaving a heavy profit for our ranchmen. Game has not been so plentiful. We presume White Pine has drawn some of our "crack shots" away.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 00
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	23	@	30
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

Poultry and Game—Wholesale Prices.

Hens, ₱ doz	9 00	@	10 00
Spring Chickens	9 00	@	10 00
Turkeys, ₱ lb	—	@	22
Ducks, tame, per doz	9 00	@	10 00
do wild	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	230	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	1 25

Dairy—Butter, Cheese, Eggs etc.

(M. B. French & Co.)

The extreme fineness of the season has had a tendency to reduce the prices in this department. Hens lay more plentifully, and the roads are in decent condition so there is no difficulty in sending to Market.

Butter, California, ₱ lb (Fresh)	50	@	55
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	45	@	50
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	25
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

Butter, Cheese, etc.—Wholesale

Butter, California, ₱ lb	37	@	42
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	40½	@	45
Eggs, ₱ doz	—	@	37
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

Average Slaughterers Prices

L. Miller & Co.

Beef—American, 1st quality, 12½@ 14 c ₱ lb
do. 2d do. 9@12c.
Mutton—8 @12½ ₱ lb. Lamb— @12c.
Pork—undressed, —@7½c; dressed, 9@10c.
Veal—9 @12c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	2 00	@	4 50

Wool, Tallow, Hides etc.

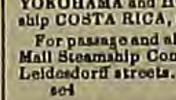
Wool, spring clip	18@20
Medium	13@15
do burry	10@12
do burry	70@90
Wool-sacks, new	40c@50
do second hand	13@17
Dry hides, ₱ lb	7@7½
Green salted, ₱ lb	40@50
Sheep skins, wool on	15@30
do do plain	40@60
Goat skins, each	8@8½
Refined Tallow	

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS



Leave Wharf corner First and Brannan streets, at 12 o'clock, M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

March 10th—GOLDEN CITY, Capt W. F. Lapidge, connecting with ALASKA, Capt. Gray.

March 18th—MONTANA, Capt. E. S. Farnsworth, connecting with RISING STAR, Capt. Connor.

March 30—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCEY, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oc1 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 13 A. M. Colfax at 9 50 A. M. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families, and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

—o—

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND Planters in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLane's Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge, now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not accept other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROTHERS, PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG,

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Hepatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the South, where, in the majority of cases, the patient is not within the reach of a regular physician, some remedy should be provided, that would not in the least impair the constitution, and yet be safe. That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The cures which has invariably attended their use, will, we think, be sufficient to convince the most incredulous of our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects they have been so tested, and that the result has been in every respect favorable, we call thousands who have experienced their beneficial effect.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms and deranged state of that organ.

DISEASES OF THE LIVER

The Liver is much more frequently the seat of disease than is generally supposed. The function to perform, and on the regular execution of which depends not only the general health of the body of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the exercises a powerful influence over the mind and its operation, which cannot be easily described. It connection with other diseases, and manifests itself by so great a variety of symptoms, of a most that it misleads more physicians, even of great eminence, than any other vital organ. The intimate which exists between the Liver and the Brain, and the great dominion which I am persuaded it passions of mankind, convince me that many unfortunate beings have committed acts of deep and or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I convinced that more than one-half of the complaints which occur in this country, are to be consider their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling causes of which we afterwards feel ashamed; last, though not least, more than three fourths of the diseases under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side pain is felt under the shoulder blade, and it frequently extends to the top of the shoulder, and is taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the coal are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with sensation in the back part. There is generally a considerable loss of memory, accompanied with a tion of having left undone something which ought to have been done. A slight dry cough is sometimes ant. The patient complains of weariness and debility; he is easily startled; hi feet is cold or he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts Several of the above symptoms attend the disease; but cases have occurred when few of them exist ination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when Quinine, are productive of the same happy results. No better cathartic can be used preparatory to Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not or three times by next morning, take one or two more; but a slight breakfast should invariably follow. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight of the Stomach.

DR. McLANE'S American Worm Specific Vermifuge

No diseases to which the human body is liable are better entitled to the attention of the philanthropist consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer's cause is frequently overlooked, and consequently the proper remedy is not applied. But when the infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to causes. It ought here to be particularly remarked, that although but few worms may exist in a child, however quiescent they may have been previously, no sooner is the constitution invaded by any of the forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, to treatment, ridiculous in other respects, but which entirely fails in consequence of worms being over even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be, loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, at flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; a circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the occasional headache, with humming or throbbing of the ears; an unusual secretion of saliva, tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea, violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unlike with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; but generally irritable, &c.

Whenever the above symptoms are found to exist, DR McLANE'S VERMIFUGE MAY BE RELIED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves that viding the symptoms attending the sickness of the child or adult warrant the supposition of worms. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening, or a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors are forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PITTSBURG. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have a red wax stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, on receipt of Forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

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STEAM PLOWING IN THE UNITED STATES.

With the mass of incontestable proofs before us of the profit, utility, and large employment of steam cultivation in Europe, it is surprising that it has not been more widely adopted in this country. Certainly this region, for several reasons, is the most favorable for its application. Our working, or dry seasons, are longer, we have larger territory of arable lands and broader surface of level fields, with greater scarcity of manual labor and fewer working animals, hence are subjected to higher prices for labor. Our people are notedly progressive in all other matters, and steam culture will, *must*, become successful here. It is a necessity, and steam will yet be applied generally in our agricultural operations. The experiments, with partial failures, of Fawkes have not yet lessened confidence.

In 1855 Obed Hussey, of Baltimore, invented and put into operation a steam plow, which performed to some extent, but not satisfactorily; but sufficiently succeeded to lead him to believe that, with some alterations, it might become a practical success; he therefore made some changes, and in October, 1856, he made another trial with his machine at the Indiana State fair, Indianapolis, for which he received the society's premium of a silver cup. It cut six furrows across the field, seven inches deep, through heavy sod, doing the work reasonably well, yet the machine proved to be imperfect. Since that time I have heard nothing of Mr. Hussey's undertaking with steam, though he has been the inventor of other useful farming implements.

Even earlier than this, Mr. Bronson Murray, of Illinois, had suggested, and confidently predicted, that steam plowing must, and soon would, become general in the great prairies, to follow, as a necessity, the important success of harvesting and mowing machines, with seed drills, already largely in use on the farms in that region; and every thinking man felt that some more tireless power for plowing than animal muscles was an essential desideratum in this almost boundless region of arable land; and in this spirit the Illinois State Agricultural Society, in the winter of 1858, offered a premium of $5,000 to be awarded to the producer of the best steam plowing apparatus that should be exhibited for trial at their next State fair, to be held at Centralia in the following September.

Under this inducement Mr. J. W. Fawkes, of Lancaster, Pennsylvania, entered the apparatus of his invention and manufacture, being a traction engine, drawing six or more plows, so attached on beams to the rear of the locomotive that they could be at pleasure quickly raised from the ground by chains running over pulleys, all by the steam power, when not desiring to cut furrows while moving.

The writer of this article was on the ground at the first trial, in September, 1858, and saw the first furrow turned by this remarkable machine, and never will he forget the pride and pleasure he experienced, the high hopes excited, and the admiration and respect he felt for Mr. Fawkes from the performance of this machine, with the vast benefits which he confidently anticipated would occur to agriculture generally by its employment, but especially to the broad, limitless prairies then before him.

More recently, May 10, 1868, Mr. P. H. Standish of Martinez, California, has patented a new steam plowing apparatus, which is quite novel, and for which its friends claim much merit, though, of course, it has not yet passed the ordeal of extended practical test, and must have time and experiment to prove whether it may be a success or not. It is propelled by an ordinary steam engine, placed upon a form or frame-work stationed on wheels to carry and guide it, while the digging apparatus is geared directly to the engine by crank, drum, and pinions, so that less power is required to work the machine. The peculiar feature of this apparatus consists in the manner of cutting or breaking the ground; it is not done by shares turning furrows, nor by spades lifting and dumping the earth, but by four knives or spits, set at right angles vertically in a head-block of cross bars, revolving horizontally on a perpendicular shaft, tearing and stirring the earth in a transverse direction to the movement of the machine, something in the manner of a revolving harrow. Two, three, or more of these implements are worked and follow the engine, according to its power and as may be desired.

Certainly this mode of stirring and pulverizing the soil is much better than simply turning it over with the plowshare; the plow, by the pressure or friction in running, has the effect, more or less, to pack and harden the subsoil or bottom of the furrow, on which account spading leaves the ground in the best condition. But it is a question whether this machine will work well in sod or turf, or original breaking up.

In addition to the efforts and inventions of our countrymen from time to time for supplying this great want by adapting steam-power to the profitable and pleasant cultivation of our lands, several Europeans have, at different times, introduced their tackle into this country, with little success. I shall be proud to see our own people succeed and take the palm, yet let us have success, even though it may come from across the water.

CONCLUSION.

I cannot too earnestly impress upon the minds of those interested—the farmer needing the implements and the mechanics to invent and make them—the vast importance of the subject of steam cultivation. In no country is it so much needed as in ours; nor is any other so largely and happily adapted to its employment. The surface of our lands and the texture of the soils are decidedly favorable, particularly the broad prairies, and the older cultivated farms of New York, Pennsylvania, and New Jersey; the flats of Genesee, the Mohawk, the Connecticut, and of some other rivers, are all waiting for the steam plow.

One of the greatest benefits to result from the employment of steam in the cultivation of our lands, and that which constitutes its most charming feature, is, that in order to realize its fullest and highest advantages, lands and implements, must be kept in the very best condition, all the operations must be performed in the most skilful manner, and the whole business of the farm conducted with systematic arrangement; thus exciting habits of thought, care, and order, which in the end render all business more successful, profitable, and attractive. System not only promotes efficiency and promptness, but it also prevents annoyances and avoids disappointments. Thus mental elevation as well as pecuniary gain, and by both increased happiness, is sure to be secured by the introduction of improved powers and machines into our agricultural business.

Perhaps the chief reason why steam plowing has not succeeded in this country, and become generally employed and popular, as in Europe, are the want of more general information on the subject, and the lack of capital among farmers for ready outlay for expensive implements.

Were agriculturists more fully informed in regard to the capacity of steam power for this purpose, and better acquainted with the results, where it has been thoroughly used and proved, it would be generally adopted in the country. Those having the needed capital would purchase; and where individuals lacked means several would club together and purchase; or, as is the case now, with break-up teams and threshers, some one having the capital would procure and fit out a complete steam-plowing tackle for plowing, cultivating and harrowing, and do the work for a township or neighborhood, a practice frequently adopted even in England.

In some portions of our country, as on the large prairies, it has been urged as a special hindrance to the introduction of steam-power on the farms, that there is a lack of water and fuel, which are to be obtained only at an expense that will not warrant their consumption by the steam engine; but the uniform testimony of those who have made the trial, is, that the expense at highest figures, of feeding the engine is far less than that of feeding animals enough to do very much less work in an inferior manner. Besides, the difficulty referred to may to a great extent be avoided by the use of Ericsson's caloric or hot-air engines, which require no water and very little fuel, while there is no liability to explosions, and much less danger from fire than with the ordinary steam engines.

Davison's Thornless Black Cap Raspberry.

The principal and positive advantages derived from the use of steam in plowing, as shown by the foregoing pages, may in brief be summed up as follows:

It will plow and cultivate deeply, cheaply, and rapidly, leaving a deeper, mellower, and warmer soil.

Its rapidity of execution enables the farmer to cultivate a larger area at exactly the time to secure the best product.

It excites greater activity and promptitude among farmers in other matters, and leads to habits of system and order in all their operations.

It substitutes artificial or machine-power, always attainable to any extent, for animal power and manual labor, which are often unattainable to the needed extent.

It secures uniform seeding and ripening of crops, for the same engine can at the time of plowing also sow and harrow the ground by having power enough to draw all the implements at once.

With the stationary engine some spots and marshes can be drained and plowed, and rendered highly fertile, which cannot possibly be done with horses, for want of power, and footing on which to walk; and hence, inaccessible lands, almost useless, can be reclaimed and become the most productive, as has been repeatedly done in the Old World.

Thus, in this mode of cultivation we find pleasure united with profit, ease with enhancement, new lands are added to old fields, the dormant earth below is brought to mix with and revive the exhausted soil above, and all improved; and in all this process the mind, as well as the purse, is filled and benefitted.

Finally, deep plowing or spading of land, by which a warm, dry, mellow soil is produced, is the true acme, the real charm and test of good farming; and is not second even to a wise adaptation of seeds to soils. A tree or plant can no more live and thrive with its feet in the wet and cold than a man can. Deep plowing and thorough drainage allow the air more completely to permeate all parts of the soil, which aids greatly in warming and pulverizing the ground, and stimulates a healthy growth of the plant, both in its early germination, and in its successive progress and fruitage. The beautiful and healthful operation of producing a kindly, fertile soil, as all intelligent testimony assures us, can in no other way be so surely and economically accomplished as by the employment of steam cultivation.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

—Agricultural Fairs—Farmers' pretty daughters.

COULDN'T SELL NO MORE.

The far famed Robert Heller cannot be satisfied with his legitimate triumph before an audience, but occasionally does a neat thing for his own amusement, very much to the surprise of those who happen to be present.

Recently, while passing an itinerant vender of cheap provisions, Mr. Heller suddenly paused and inquired:

"How do you sell your eggs, auntie?"

"Dem eggs," was the response, "dey am a picayune apiece—fresh, too, the last one ov me; biled em myself, and know dey's fust rate."

"Well, I'll try em," said the magician, laying down a bit of fractional currency. "Have you pepper and salt?"

"Yes, sir, dare dey is," said the sable saleswoman, watching her customer with an intense interest.

Leisurely drawing out a penknife, Mr. Heller proceeded very quietly to cut the egg exactly in half, when suddenly a bright new twenty-five cent piece was discovered lying imbedded in the yolk, apparently as bright as when it came from the mint. Very coolly the great magician transferred the coin to his pocket, and taking up another egg, inquired:

"And how much do you ask me for this egg?"

"De Lord bless my soul! Dat egg? De fact am, boss dis egg am worth a dime, shuah."

"All right," was the response, "here's the dime. Now give me the egg."

Seperating it with an exact precision that the colored lady watched eagerly, a quarter eagle was most carefully picked out of the egg and placed in the vest pocket of the operator as before. The old woman was thunderstruck, as well she might have been, and her customer had to ask the price for the third egg two or three times before he could obtain a reply.

"Dar's no use talkin' mars'r," said the bewildered old darkey, "I can't let you hab dat egg nohow for less dan a quarter, I declare to de Lord I can't."

"Very good," said Heller, whose imperturbable features were as solemn as an undertaker, "there's the quarter and here's th- egg. All right."

As he opened the last egg a brace of five dollar gold pieces were discovered snugly deposited in the heart of the yolk, and jingling them merrily together in his little palm, the savant coolly remarked:

"Very good eggs, indeed, I rather like them: and while I am about it, I believe I will buy a dozen. What is the price?"

"I say price!" exclaimed the astonished daughter of Ham! "You couldn't buy dem eggs mars'r for all de money you's got. No, dat you couldn't, I'se gwine to take dem eggs all home, I is; an' dat money in dem all belongs to me. It does dat. Couldn't sell no more of dem eggs, nohow.

Amid the roar of the spectators, the benighted African started for her domicil to "smash dem eggs," but with what success we were unable to relate.

LABOR AND STUDY.

Few persons are aware how great a promoter of study physical labor is, if not carried to excess, among those of fair intelligence and good habits. Those whose occupations are of the intellectual kind often become "brain-weary," and this kind of weariness is very exhausting if carried too far, and is also exceedingly painful to bear. The tired feeling which the laborer who uses only his muscles experiences as he comes from his toil at night, bears no comparison with the feelings of one who is brain weary, and the latter class might learn a useful lesson, if they would, in this desire for knowledge and love of study shown among a certain class of working people.

The brain needs rest, and gets it most effectually in muscular toil, and it returns to study with a keen appetite. If the brain workers of any city could have one day of every week for physical labor on a farm, or in a shop, they would retain their health much longer, and posess more intellectual vigor than they do where every day is given to intellectual effort. It would not, it seems to us, be difficult for brain workers to have in their own homes a workshop, where they can daily spend an hour in such labor as will rest their brains and strengthen their bodies. In this way, they would develope more harmoniously, and maintain a balance between body and braid that is now often lost. This habit of work should be formed early in life, if we would have it a source of pleasure. Work is the greatest educator and blessing that we have, or are likely to have.—*Prof. Tyndall.*

MR. DICKENS ON FARMING.

Mr. Charles Dickens, in a recent number of his paper (All the Year Round,) says:

"The part of the holding of a farmer or land owner which pays best for cultivation, is the small estate within the ring fence of his skull. Let him begin with the right tillage of his brains, and it shall be well with his grains, roots, herbage and forage, sheep and cattle; they shall thrive, and he shall thrive. 'Practice with science,' is now the adopted motto of the Royal Agricultural Society."

It must be allowed that no one should know better than Mr. Dickens the money value of brains. He took home from a few months harvest in Yankeedom, a hundred thousand dollars or so of gold the price of the brain work of one small head.

There is sure profit in brains well used. The talk about farming being unprofitable, and country life stupid and uninteresting, is the merest nonsense. Farming is profitable where brains are rightly used upon it, and where the contrary is the case, there is either want of brains or want of their proper application. If a man *has* a head, and it is not a good one for farming, let him turn it to some other purpose, for brains will surely tell somewhere. If he has none, or only an indifferent good one, let him admit that fact, and not make it more apparent, by insisting that there is no profit in farming.

There is profit enough to gratify a reasonable, that is, a moderate desire for wealth. Those who make haste to be rich, go to cities, and make haste more commonly to their ruin. But there is moderate profit on the farm for the mere hand labor of a diligent young man, and increasing profit in exact proportion to his increasing knowledge of his business and the prudence and judgement with which he applies that knowledge.—*American Farmer.*

LEAKS IN FARMING.

This has continued under discussion by the Little Falls Farmers' Club, and a correspondent, Mr. Whitman, writes to the *Country Gentleman* that its agitation has proved very interesting:

"Being behindhand with work, and the want of good farm implements and proper care of them, were well presented by Mr. Chas. Van Valkenburg, by showing that a man once fairly behind his work would seldom overtake it through the season—ground not well prepared, fences out of order, crops put in late, haying not commenced soon enough, and crops secured out of season—and all done at a great loss. He also showed that there is loss in not having grass cut and secured as early as the last of July, and that farm implements should be housed when not in use. By proper care he had used a Wood's mower nine years, and it does good service yet, Bullard's hay tedder four years, and thought it would last him twenty years longer, and Seymour's grain drill three years, with but trifling decrease in its value."

STATUES IN BOOTS.—The *Morning Call* reports that "Burglars broke into the basement of Aiken & Luce's workshop at Sacramento, on Saturday night last, and helped themselves to seventy-five dollars worth of *boots*." Will the *Morning Call* please inform the public, if the *theives* stole the boots from the *figures on the monuments*, as Messrs. Aiken & Luce are eminent MARBLE WORKERS, and make fine Statues and Statuetts occasionally, but we never yet have seen *their* work clad in *boots*. Perhaps the learned *Call* can explain.

Agriculture.

BEAUTIFY HOME.

To owners of very small places, who still wish them to look well, the safest counsel is, do not plant large trees—not one even; keep your grass continually shorn, your hedge evenly trimmed, your little flower-bed in perpetual order. Set out such flowering shrubs as will from spring to autumn give you a constant renewal of blossoms.

So continually are new varieties now introduced from all parts of the world by scientific botanists, that it is quite unnecessary to name a choice; and when differences of climate and soil are to be considered, much better advice can be given on the spot by a practical seedsman, than by a review destined for all latitudes. Still of hardy ornamental shrubs we may safely suggest the Althæas, the Deutzias, the Persian Lilac, the Pyrus Japonica, and especially the Montan Peonies and the Weigelias, the last two introduced from China, by Mr. Robert Fortune.

The flower garden in its perfection is, of course, unattainable without great care and expense; but five dollars a year judiciously laid out in seeds and bulbs, will, from one tiny plat, yield, from the first crocus to the last crysanthemum, a perpetual joy.

ROADSIDE IMPROVEMENTS.

Too often as we have travelled over this country have we witnessed a fine house, good buildings and fences, but the road outside of the fence line contained more or less rubbish, evidently the gatherings and prunings of the garden and lawn trees. Sometimes the street or roadway is clear of this; but while the grass is clipped inside the fence, the outside is left to grow long and rank, with more or less coarse weeds, presenting just that appearance to the man's ground that the finding of a heap of dirt under the lounge would to the housewife, and, giving him in our view no claim to a better name than would be applied to such a housewife.

Our readers should each and all strive to make the outward appearance of their grounds clean, neat, and tasteful, first, by keeping away all rubbish from the street, next by frequent mowing and destruction of weeds, and lastly by planting and careing for shade trees and flowering shrubs, giving themselves pleasure, and attracting notice from every passer by; and again, as an example to those of their neighbors, who not being readers, or not having learned to move out of their original tracks continue to make brush piles, keep hog-pens, and grow thistles, mullein, etc., in front of their houses.

ALWAYS BE PLANTING A TREE.

Considering the cost, and small amount of labor, there is no one thing that so amply repays as the planting of a tree. Well grown, it becomes always an object of beauty, a source of joy to the owner and his family—a pleasure to visitors and to the residents of a neighborhood—adds an appearance of increased value to the premises—improves the general effect of the scenery—becomes a protection from cold winds—reduces the severity of the temperature—enhances the rental value of a residence—often more admired than the most costly building, and finally, can never be viewed without a thought of the supreme creative Power which "doeth all things well."

MULCHING PEACH TREES.

A correspondent writing from Willisville, says that last year a friend of his threshed his oats in his orchard and then placed the chaff under a a peach tree to the depth of 12 or 14 inches. The result was that the peaches on that tree were twice the size of the same variety on other trees. He wishes to know if it would be injurious to young trees to protect them in that manner from severe frosts through winter.

Mulching under most conditions is valuable, and to a small extent practicable, but our large peach orchards must depend mainly on clean, thorough culture for their fine crops. Thorough culture would have presented the same results as did the oat chaff.

In ordinary moist latitudes we agree with the *Prairie Farmer*, from which we clip the above, but here in California we prefer the mulchin

BONES FOR FRUIT TREES.

Bones collect in considerable quantities about every household, and in villages many have no use for them. They may be had for the gathering oftentimes, or for a small consideration. A tree-planter can make no better investment of a few dollars than to purchase these old bones, and after crushing them into inch pieces, put a bushel or two into each border where a tree is set. They are also an excellent dressing for trees already planted, and may be dug in around the roots. Old trees that have become stunted and unfruitful are often started into new growth and fruitfulness by this means. It sometimes remedies the cracking of pears. All the bones about the premises should be saved for the fruit trees.

Green Japanese Silk Worms.—The Los Angeles News of the 6th, says, we were shown, yesterday, Dr. Franklin, a card containing 40,000 Japanese silk worms of the green variety. The worms produce a natural green silk of the most brilliant hue, and is an annual. Covert & Franklin have just completed the planting of eighteen acres of mulberry plants and seeds at their nursery, one Mile west of the race track, and are going into business in a proper manner to insure success.

KEEPING SWEET POTATOES.

Fayette County, Tenn.—The sweet potato is one of the crops upon sandy loamy soils that yield incredibly where attention is paid them, and return a fine profit, selling usually at the beginning of the year at from $1 to $1 50 per bushel, and from $2 to $5 at bedding season. Great difficulty is encountered in keeping them, as they must be kept at uniform temperature, and are very sensitive to frost. The most successful mode for keeping them is the old pioneer "*dirt bank*" or hill, covered with common boards to protect from weather and rain, after this manner: Elevate the bed upon which the potatoes are to be placed about six inches above the surrounding level; upon this put about two inches of dry hay, then place three boards upright so as to form a tri-angular tube, and around this pour the roots selected, excluding all that have been injured in digging or prematurely rotted. After this requisite quantity is placed on the hill, cover with dry straw about two inches and cover with dirt about six inches, leaving the tri-angular tube open for the heated air from the usual sweating process to escape; and when this sweating has ceased, and when the weather becomes cool or cold, stop up the tube with hay to regulate the temperature, keeping them cool and dry; and when cold freezing weather begins put on an additonal layer of earth, at least 12 inches, and more hay on the tube. Having placed a cover over the hill, inclined to the north as low down as the hill will permit, open the hill only on pleasant days on the South side, and replace as soon as practicable the straw or hay and earth.

ACCURACY IN FARM EXPERIMENTS.

On a great variety of subjects connected with farming, very much can be learned by simple experiments such as farmers can try with little expense and trouble. Questions as to the depth seeds should be planted, or the distance between the plants, the time for performing different farm operations, the comparative yield of different varieties, the kind, quantity and quality of food for animals, etc., can be settled much more satisfactorily by experiments than by reasoning on general principles, or theorizing, valuable as these may be. But care should be taken to have the results fully established before accepting them finally. A common mistake is in drawing conclusions from perhaps a single experiment when a considerable number should have been tried.

Such experiments lose much of their value if there be any guess work abo the preparation or the result. We remember to have had an account sent us of an experiment, in which "about a pint of wheat had been sown in rows about a rod long and the yield was a little over," etc. Had just one pint been sown in rows exactly a rod long, and at an exact distance from each other and the exact result accertained, some practical value would have been attached to the experiment.—*Mass. Ploughman*

Hardening the Mould Board of Ploughs.—A new method has been discovered for the manufacture of the mold-board of ploughs, which gives them all the hardness and temper of steel, in combination with the toughness of iron. The mould-board (good iron) is heated and dipped into molten iron. It remains there ten seconds, when the two surfaces become heated to a white heat, while the centre is not heated through. It is then immediately dipped into water; the surface comes out harder than the highest tempered steel, while the interior is still iron and retains all the toughness and strength of the iron. The advantages claimed for this invention is, that the ploughs made by this process will take the finest and hardest polish, while they will be tough enough to endure any reasonable knocking about in stony soils.

About Horses.—From the *Rochester Union* we take the following:

Horses as a general thing get too much licking and too little feed. If a man loses his hat while driving his horse, he licks the horse to pay for it. If he runs into another wagon through his own carelessness, he licks his horse to make it all right. If his horse slips or stumbles, he gets licked for it—if he does anything he gets the same. A great many horses know "a sight" more than their drivers, and if they could change places with them, society at large would be the gainers, and so would horses.

The *Vermont State Journal* says that Mr. Salmon Pierce, of Calais, wintered two geese and a gander from which, the past season, he raised 27 goslings. When fattened for market they weighed 278½ pounds, bringing $55.66; 17 pounds of feathers sold for $1.25; total, $56.90.

Those who object to farmers getting good prices will probably discover that there is now an "onion fever." That valuable escolent is now selling at eight or nine dollars a barrel, and onion seed is scarce at five to six dollars a pound. So says a Connecticut paper.

A farmer near Mattoon, Ind., raised 5,000 bushels of corn, 2,000 bushels of Irish potatoes, 1,200 bushels of oats, and a good deal of other "truck," the past season, and paid less than $400 for labor.

The State Agricultural College of Kansas teaches women and has 71 young lady students A military drill is part of their education.

A black walnut tree was cut in Putnam county, Ohio, the other day, which turned out $1,000 worth of lumber.

Reader! have you those loved ones whom to leave destitute would embitter your last hours?—Then go to day and secure a *Life Policy for their good.*

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

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Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS,

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

Miscellaneous.

TRUE'S

IMPROVED

POTATO PLANTER

This is, undoubtedly, one of the most valuable machines adapted to Agricultural purposes, produced.

It Saves the Labor of Men in Planting Th

Makes its own furrow, cuts the potato in slices as the farmer may prefer; drops them the most perfect regularity, and covers them and does all this as fast as a horse can walk ground that can be plowed

No intelligent farmer can fail to see that ment with which one man can, with the aid plant six acres of potatos in a day, is of value; because the days in which planting erly be done are very few, while he has and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER other machines. It affords its aid "in the of time," and gives leisure to its owner to his other spring work, which would otherwise overwork him or be left undone.

The undersigned have the sale of this Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for ment, and a good Mechanic can make a fortune

Particulars and Catalogues can be had at

WARREN & CO

320 Clay street,

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MADE IN HOME INSTITUTIONS PROMOTE general prosperity of the State. It is to the interest of all who reside on this coast, in effecting on their lives, to give the preference to

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EARLY GOODRICH POT

Important to Market Gardeners

Agricultural Public.

The Undersigned, having growing and above Potato for two seasons, have no hesitation nouncing it far superior to any other coast, for an early Potato, and now offer is very early (from three to four weeks other) good size, white skin, smooth eyes, superior table quality, and very productive

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BOUND VOLUMES FAR

☞ Volumes of the "California Farmer" The last EIGHT YEARS, uniformly bound

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These Eight Volumes contain more useful the practical workings of Agriculture as adapted nia Culture than any Book or Books Extant. prise hundreds of Experiments, Letters and Culture of Cotton, Rice, Coffee and Tobacco; berries, and all other Fruits, with the Culture of tor Beans, Flax, Hemp, &c. and the Whole of L. Prevost on Silk Culture, from early boyhood

This set of Volumes would be a Library of valuable to the Cultivator of the Soil

Horticulture.

MY GARDEN.

[We clip from the *Willamette Farmer* the following very beautiful Sonnett to "My Garden," written by Miss Belle W. Cooke, of Salem, Oregon, for that journal.

The *Willamette Farmer* may be justly proud of such a Poem to grace its Number One. Never may our new Cotemporary have its Poetical corner occupied by any Poetry of an ordinary character after so handsome a commencement in its career of Journalism.—Ed. California Farmer.]

Ah! when the Spring, returning,
Sweet with the breath of flowers,
Calls at my open window,
And whispers of by-gone hours,
I long for my pleasant garden,
To work in the warm brown earth,
To nourish the wee green children,
And watch for the seedlet's birth;
To breathe in the cool of evening
The odors of balm and spice;
For, to dress and keep a garden,
Was the work of Paradise,
And is not this a reason
For the wish we always feel,
To plant in the shining seed-time
Earth's treasures to reveal;
To join in the great procession,
Earth's workers moving on,
And help, though o'er so little,
The hand of the Mighty One!
Oh, you who long thus, vainly,
May often ease your heart,
By planting Charity's blossoms
In the city's busy mart;
Blossoms that spring up gladly
In the hearts of the hungry poor,
By plentiful tears well watered,
To smile at your open door;
Blossoms that feed on sunshine,
The sunshine of human smiles,
And yield a grateful fruitage,
To be plucked in the blessed isles.

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia,

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Redivivia, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces a day being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Lum*" or "Ptleem-asd-lise-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this root can be found, and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of the California Farmer.

Healthfulness of Apples.—There is scarcely an article of vegetable food more widely useful and more universally liked than the apple. Why every farmer has not an apple orchard, where the trees will grow at all, is one of the mysteries. Let every good housekeeper lay in a good supply of apples, and it will be the most economical investment in the whole range of culinaries. A raw, mellow apple is digested in an hour and a half, while boiled cabbages require five hours. The most healthful dessert that can be placed on the table is a baked apple. If eaten frequently at breakfast, with coarse bread and butter, without flesh of any kind, it has an admirable effect on the general system, often removing constipation, correcting acidities, and cooling febrile conditions more effectually than the most approved medicines. If families could be induced to substitute ripe, sound apples for pies, cakes, and sweetmeats with which their children are too frequently stuffed, there would be a diminution in the sum total of doctors' bills, in a single year, sufficient to lay in a good stock of this wholesome fruit.—*Mass. Ploughman.*

Collecting Manure.—The collection and application of manure should go on continually, for the grasses and cereals and all kinds of cultivated plants make an annual draft on the soil for the ingredients which enable them to build up their stems, foliage and seeds.

No liquid or solid manure suited for enriching the soil, should be allowed to go to loss about the homestead. Soapsuds, woodashes, soot, charcoal, sawdust, etc., may be applied to the soil with much benefit to the crops. Leached woodashes are very useful for top dressing grass land, deepening the color of the plants and increasing their productiveness, so much as to double the acreable yield of hay whenever they are applied in sufficient quantities.

The *Gardner's Monthly* says that if the people of the United States all care to become successful grape-growers they must recognize the fact that the roots of the grape vine can scarcely be kept *too dry*—and that the very best way to accomplish this on flat land is to raise the soil above the natural level.

—Speak little, speak truth: Spend little, pay cash.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867 8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. 429 *Jackson Street.*

J. de Barth Shorb. Carlton Curtis.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. Wilson & Co. T. H. Morrow.

A. L. Chamberlin

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of WILSON, MORROW & CHAMBERLIN, will open in New York City about the first of November next, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

Messrs. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurious Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12.

VALUABLE PLANTS FOR SALE

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer* Office.

Choice Grape Cuttings.

50,000,

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the Farmer office,

Or address Editor Farmer.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Orchards, would pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

The Cheapest and Best

Collections of Piano Music.

A Complete Library of the Choicest Compositions, Pieces suited to All Grades of Players, is comprised in the following series of elegant volumes any one of which would cost in the usual form of Sheet Music ten times the price.

The Home Circle. 2 vo's., containing Torches, Waltzes Polkas, Schottisches' Rodowas, Quadrilles, Contra Dances, Piano Forte Gems and Four Hand Pieces. **The Pianist's Album.** 1 vol. A continuation of the same class of Music as that of the "Home Circle." **Silver Chord.** 1 vol. Songs, Duets, Trios Quartettes, with Piano Acc's. **Shower of Pearls.** 1 vol. Choice Vocal Duets with Piano Acc's.—**Gems of German Songs.** 1 vol. **Gems of Scottish Song.** 1 vol. **Gems of Sacred Song.** 1 vol. **Operatic Pearls.** 1 vol. Vocal Beauties of the Standard Operas with Piano Acc's.

Prices. Each vol., Boards, $2 50. Cloth, $3 00. Cloth full gilt, $4 00. Sent by mail, post-paid, to any address.

OLIVER DITSON & CO., Publishers,
277 Washington St, Boston.
C. H. Ditson & Co., 711 Broadway, New York.
31-1

HALL'S PATENT FOR PRESERVING EGGS.

We have refrained hitherto, from saying much upon this subject, until we had the opportunity of demonstrating the claims of the patent for ourselves. We have accordingly, put up a few eggs, to test the matter, and have them now, as put up months ago. We invite parties, to call and see these eggs, and examine for themselves. They possess the whiteness, clearness and freshness of the newly laid egg, and they float, as a new egg, which cannot be said of any preserved egg we know of.

The cheapness and the saving of time, over every other process, may be considered in its favor. The parties in New York, are making arrangements to secure the Patent in all Europe, and it runs yet, 16 years in the United States. Cost of putting up a barrel—less than 50 cents, and the time, does not exceed 10 minutes. Rights for sale by Warren & Co. Farmer Office, San Francisco.

C. CROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

Fruit and Ornamental Trees,

GRAPE VINES, ETC., FOR FALL OF 1868

We offer for Fall planting a Stock of Fruit and Ornamental Trees, Grape Vines, Etc., which for extent, variety, vigor and beauty of growth has never been surpassed.

Full particulars given in the ollowing Catalogues, just issued, sent prepaid on receipt of 10 cents each, for Nos. 1, 2 and 3—No. 4 free. No. 1, Descriptive Catalogue of Fruits. No. 2, Ornamental Trees. No. 3, Green House Plants. No 4, Wholesale List.

ELLWANGER & BARRY,

30-8 Mt Hope Nurseri [Rochester, N. Y

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

Thornless Raspberries.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The Thornless raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. John Gage.

From the American Horticultural Annual, for 1868 page 102:

"Davison's Thornless.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are propagated from tips, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francisco

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867, TO THE

Natoma Vineyards

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-9

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

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For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the Farmer's circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
Farmer Office, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

☞This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....MARCH 18, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress editors are not charged postage in the county in which they are published.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

ASPARAGUS.

Well! will you buy the *White* Asparagus that is absolutely *poisonous*, and of which you can only use *one-fourth* in weight of what you purchase, or will you buy the *natural esculent* that is green, tender, melting and rich, and of which you can eat seven-eighths of the amount purchased; besides there is more nourishment and palatable food in *one pound* of the Green Asparagus than in *ten pounds* of the White.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

RAMBLES IN THE COUNTRY.

NO. 3.

NAPA, AND BERRYESSA VALLEY.

We took a leisure trip to see the "Berryessa Valley," of which reports came the last year of a yield of seventy five bushels of wheat per acre, and where many little fortunes were made.

Napa County is truly a rich district, and bears clear proof that it is in a very prosperous condition. Napa city keeps pace with other cities in the march of Improvement. Many new buildings are being erected as business stores in the city proper, and fine residences are springing up in many places in the suburbs. Real Estate is rising, and land increasing in value. Hotels are doing a good trade—the "Napa Hotel" seems to be doing the principal trade. This Hotel is under the control of the energetic proprietor, J. Hogan, Esq., and has been much improved. A large addition has been made to the hotel of some *twenty rooms*, to fit it up for the Summer traveling patrons. These rooms are in suites, for families, are spacious and handsomely furnished. Mr. Hogan keeps a good Hotel, Rooms and tables will always be found satisfactory to the traveller. The access to Napa city is now by steamer to Vallejo; thence, by Railroad to Napa, about *three hours time* from San Francisco to Napa. The cars extend to Calistoga, which will, with its many improvements become a famous place of resort the coming Summer. From Napa, with a friend, we took a fine span of horses in a buggy—preferring this to the saddle, on account of the roads, and made the excursion some thirty miles above, to the different portions of this district and into the "Berryessa Valley."

From Napa to "Monticello" the road, after a few miles is very rough, being cut into the high hills and along the sides. Many of them being only half made roads. For some miles the usual fertility attendant upon cultivation, is seen, but eight miles brings you to the high hills which are only for grazing stock.

Eight miles from Napa we come to "Woden Valley," a very pretty spot indeed, bearing all the marks of a rich and fertile valley, but having but few residents. The valley is about 4 or 6 miles long and two to three wide. The land seemed to be well cultivated—portions of it recently plowed and showing it to be of excellent quality for moisture and richness.

The principal residents in this valley, are John Woden Sen, and J. Woden Jr, A. Farley, C. Gardner, C. H. Berger, Mr. Griggsby and Mr White. The valley is susceptible of great improvements, and situated as it is, so finely sheltered would make a fine place for *Orchards and Vineyards*; these, if planted now, would do well the present year. We regretted we had not time to visit every residence, but business called us above.

From "Woden Valley" for twenty miles it is a lonely and barren road, hilley and mountainous, rough and deserted almost, for among some half a dozen houses, they seemed all tenantless, this appearance too, with a very bad, and even dangerous road. We found nothing worthy of *commendation*, unless it was *this very road*, which we most specially commend to the particular attention of the *Road Overseer* of that district,—more particularly *two large land slides* that blocked up the road just above "Woden Valley."

We passed the "Black Ranch," and the "Murphy Ranch", and several others, too desolate to invite much note; then on to the "Putah Creek," from which the Bridge was carried away, but low water permitted us to cross easily, and we soon made "Monticello," a very good name, but we failed to learn its origin here, for we do not think "Thomas Jefferson," were he living would permit the entrance of the Town to be without a Bridge so long.

Berryessa Valley will become a very prosperous place. The soil is good—the climate, excellent, closed in by high mountains on all sides, where good ranges are found for stock, and with the proof that the soil yields from thirty to sixty and even seventy-five bushels of wheat to the acre. It must soon become a thickly settled Valley, unless the present large *land owners* prevent this by asking *too much for land*. It is this that hinders the growth and prosperity of every place.

Berryessa Valley is 14 miles long, by 2 to 3 wide in its principal body. The inhabitants are widely scattered. Monticello, contains two Taverns, two Stables, two Blacksmith Shops, one Wagon Shop, one Saddler Shop, one Shoemaker Shop, one School House, NO Church. Welles Fargo & Co. have their office here, J. N. Vannoys Esq., Agent, who has a general Family Store, and is a very courteous and affable gentleman; also, Postmaster.

This district polled 112 votes at the last election, and there are 160 children in the District School. Little or no attention is yet paid to the raising of vegetables, or fruit, as the lands are not divided or fenced. Potatoes sell at 2cts, and Flour $8 per bbl, Hay $15 per ton and Wood $3 per cord, Eggs 25cts per doz., Butter cheap.

The principal Farmers that we learned of, are J. H. Bostwick, a large land owner, he has 1,500 acres in wheat this year. Many other large fields of grain, among the cultivators, we name Womac & Bro., Jewell & Goodwin, Mr. McCall, Ab. Clark, Maj. Seawell, J. Tinnell, S. Beaufort, Mr. Burtoff, J. Adams, J. Houghton and others. There is about 15,000 acers of wheat planted in this Valley this year. This is a very good place for *new comers*, if the owners of land will be liberal.

We commend the "Monticello Hotel," kept by Mrs. King, as a place where good food and well prepared can be found, much better living than is found in many of our larger Hotels.

We must not forget to say that they have but *one Doctor*—he is a good one, for there is but little sickness, and wonderful to report, *there is not a a Lawyer in the place*; this is a sure indication that the people are all of one mind.

"Let us have Peace."

THE BLOSSOMING TIME HAS COME.

Everything in nature seems most propituous the present year, and more especially for the *Fruit Crops*.

The "early and the latter rains" have fallen upon the earth to make *Root*, *Bud* and *Blossom* perfect. The sharp grip of "Jack Frost" has not been among the buds this year, and we have reason to feel confident, danger from this source has past; the present appearance of all *fruit trees* are most favorable for a most abundant harvest of fruits the present year.

There is, however, a very important duty for orchardists to perform now. Every fruit tree needs care; the "Mealy Bug," the "Bark Louse," the "Borer,"—these insidious enemies of the fruit tree are like the *thief in the night*; they need watching. Many branches that need pruning, that may have escaped previous care; the "suckers" that spring up from the roots of many trees; the *unsightly* and uneven branches; these *must* be cut away, and the "Blossom Time" will be fairer, and the *Fruit* will be larger, sweeter, and better for all the care bestowed.

CONTINUE PLANTING.—THE RAIN.

Never have we had a more favorable season for *continuous planting* than the present. For weeks we have had genial sunshine, with occasional showers, and now, for days of the present week, we have had gentle and refreshing showers. In some districts the rain has been quite copious. The prospect now is of quite a generous *"latter rain."* Where dwells there a heart that does not feel the good influence of these blessed showers?

It will be remembered that in our last issue we expressed our confidence in a near approach of *Rains*, with "Lightnings and Thunders." All of these have occurred, and will occur again several times during the spring-time and summer. *Such is our firm belief* derived from a constant study of NATURE'S LAWS.

We therefore urge upon all who can, to *continue to plant*.

Trees, Vines, Small Fruits, Flowering Plants, and Flowering Seeds, and also all kinds of Garden Vegetables, these will all do well with our propitious season, and more especially so if due care is given to them of *good cultivation*, because the moisture now being given to the soil, with the warmth of the sun, will cause them to vegetate quickly and grow rapidly—the main thing to secure success will be good and proper care.

SPLENDID ORCHARDS.

The certainty that for many years to come, all kinds of choice Fruits will command a *high price* in our markets, should induce those who have orchards, to bestow upon them the greatest possible care and attention; for as sure as the earth rolls round, so sure will our *best Fruits* be sent to the *Eastern Markets*, via. the Pacific Railroad.

Orchardists and Amature Cultivators should, therefore, pay particular care to their fruit trees, and vine growers to their vines, for all we can grow will pay well for careful culture.

New orchards and vineyards can be planted *now*, as the season is very favorable.

An orchard of choice and well selected fruit trees—those that have been kept back in the nursery, will come into bearing in *two years*, and the *third* year pay all their cost and cultivation.

Vineyards can be planted now with safety, if the proper care will but be given to the work, and such an enterprize will pay better than *feet* in *White Pine*.

GRUMBLING AT THE RAIN.

It seems utterly impossible to please all; no sooner does the genial sun warm up the earth, bidding grass and grain send forth first the bud, then the blade, then the full ear in the ripening stock, before the thankless ones begin to grumble at the *sunshine*. Everything will be burned up; is their cry; a Drouth! a Famine! Loss of crops, ruin, etc.; then if a kind Providence sends the genial showers to moisten the earth and give greater *vigor* to everything upon the earth—if the rains continue for a little season, the same grumblers set up their wailing cry at the same: *We will have too much*, it will *rust* the grain, it will blight the blossom, it will rot our late planted seed, and thus the houghtless and the ungrateful ever murmur. We have already heard these murmurings, and fear expressed lest the rains of this week should continue, and bring on the usual storms of the Equinox, this will only be in accordance with the laws of "Nature" and for the preservation and salvation of the earth and all that grows upon it and for the good of man.

Never, as we have elsewhere said, have we noticed a more propitious season than the present, and the tillers of the soil should sing a "Te Deum" of Praise to God for his goodness to them.

STEAM CULTIVATION.

We hope our Farmers will read the Report on *Steam Plows and Plowing*, and on the value of Steam Power culture generally, which is admirably set forth in the matter published *this week*, and matter which, also, appeared in the last *two numbers of the Farmer*. These three numbers contain the Reports of the TRIAL OF THE STEAM PLOW IN BUTTE COUNTY; and also, several Reports upon Steam Plows and the value of Steam Culture abroad, which reports, have from time to time appeared in the English Agriculture papers, and latterly, in the Reports of the Agricultural Department at Washington, from which we have taken a portion of our facts.

A STRAWBERRY SHOW IN CALIFORNIA.

Why should not the "Strawberry Growers" of California have a GRAND EXHIBITION of this Fruit in its season as well as Cincinnati, New York, Boston or Philadelphia?

We call the special attention of our "Strawberry Growers" to the action of the Horticulturists of Cincinnati. They appreciate the value of this delicious fruit, and they win the Public attention to it, by an ANNUAL SHOW in its Season. Cannot the Strawberry growers of the Pacific Coast create an equal interest for this Fruit? Strawberry growers will bear in mind that the *Lovers of Fast Horses* find no difficulty in procuring the gift of $1,500 annually, from our Merchants for a RACE AT BAY VIEW PARK. They are ever ready and liberal. Why not have a STRAWBERRY Show in California this season? Who will move in the work? See what Cincinnati has done. See another column. Their example is worthy of investigation. Who will offer the *First Premium for a Strawberry Show?*

WHITE PINE.

Like the "Velocipede Fever," the rage is now for "White Pine," and men are taking up their *beds* and their "tents" and *making tracks* for *White Pine*.

Well! let them go! "Experience is a good schoolmaster," and White Pine *must* be a rich place; *Silver* must be abundant, for already, if the Records of the Corporations formed are true, they amount to over *One Hundred and Seventy-five Millions of Dollars*. What a nice little sum!

But never mind, were the angel Gabriel to come with his trumpet and blow his signal *now*, we verily believe there are men so unwisely taken up with "White Pine," that they would offer Gabriel *several chances* in their *stocks*, if he would only let them have the use of *their own feet* a little longer to go to "White Pine."

"LET WELL ENOUGH ALONE."

When will our business men and our mechanics learn wisdom, and "let well enough alone" be their counsellor. Where is "Frazier River?" where "Gold Run?" where "Gold Lake?" and where a dozen places, that, like White Pine, may have enriched a *dozen* shrewd and *cunning persons*, but which has empoverished thousands of families, and sent hundreds to an untimely grave, in their "haste to be rich."

Our counsel ever has been, and ever will be, to every business man and mechanic who now can earn a good living, *"let well enough alone."*

CALIFORNIA CHAMPAGNE.

A large amount of money is annually sent out of our State for FOREIGN WINES. This drainage of our wealth is wholly unnecessary, for if our people that drink Champagne would but make a *fair test* of the comparative merits of California Champagne, they would not be so unwise as to pay $24 to $36 per dozen for Foreign Champagne wine, when such sparkling wines as are made by I. Landsberger Esq., on Jackson Street, can be had for *less than half* that sum, and Wines too, that will not cause the *head* or *purse* to suffer comparatively at all.

The examination which has been had at different times by the BEST JUDGES of Champagne Wines have invariably awarded to Mr. Landsberger, the superiority over all Wines made on this Coast.

These sparkling Wines of Mr. Landsberger bear a high reputation not only here at Home, but in the Eastern States and wherever they have been shipped or wherever used they have won the most unqualified approval as pure and most agreeable Wines.

These *Sonoma Champagnes* as they have been termed must not be confounded with any other Sonoma Wines. Mr. Landsberger, though of long years experience, and formerly dealing in the Wines of the "Vinticultural Society" of Sonoma, is now entirely independent of any connection with that Company, having his own Vineyards and Manufactories and managing his own Wine Department upon his own knowledge and his experience of years, and those who desire to test the genuine sparkling Wines of California, should call at 429 Jackson Street, and procure them of Mr. Landsberger.

Mr. Landsberger has associated with him, in the Manufacture of his Champagne and other Wines, Arpad Haraszthy Esq, who spent years in Europe among the Wine Makers, and understands thoroughly all the art of preparing Pure Wines. Our readers will remember Mr. Haraszthy's letters to the FARMER from France for nearly two years.

THE RAIN STORMS.

The late rains have very much astonished even those who consider themselves *weather-wise*. Their steadiness and continuance rather puzzles those who only expected or even hoped for *gentle showers*.

By reports received, we learn that these rains have been quite general, visiting all sections of our State, even to the mountains, where the rain was changed for the Snow White Robe.

Soon now, a few days only, and the genial sun will make the earth put on its Bridal Robes of Spring blossoms, and send forth their fragrant healing breath, like the "Balm in Gilead."

STRAWBERRY PLANTATIONS.

There has been no better time this season to make Strawberry Plantations than the present time. The earth has been warmed, and then again refreshed with rains, and the earth has been mellowed and most peculiarly fitted for the quick growing of the strawberry vine. Beds made now upon good deep and well prepared ground, will produce a crop the present season. Those who desire to enjoy this delicious fruit should lose no time in making their plantations.

OLIVE CUTTINGS.—The Santa Barbara Post says, there were 200,000 cuttings from native Olive trees planted in that county this season.

Editor's Chair.

[Here we shall hold our special watch... our Readers and Correspondents, and ... call their attention to such articles in ... *our Journal*, to which we would direct ... attention.]

BEAUTIFY HOME.—We have written ... much upon the subject named in the ... our Agricultural Department that we ... was a *standing text*. We however, have ... most excellent ideas among our Exchanges ... we give, as it again assures us of their ... portance. Such suggestions can be ... and with profit, to all who carry out the ... gestions there made.

To Children both small and great, we ... earnestly the two articles in our Home ... ment, "Father Will Loose All" and "... What a *contrast* between the *Sons* ... families? The first was willing to ... a Father from Sorrow and Grief; ... ready to Rob and Imprison the Author ... istence. In these brief sketches there ... for children of all ages, and especially ... California; for here the Sin of Disobedience ... Ingratitude is a Dark Shadow over our ...

We call attention to the excellent ... our columns, "Labor and Study," and ... ens on Farming," from both these articles ... truths may be learned.

We have "Jennie Green," a brief ... our former correspondent "Bertha Bay" ... coming we gladly welcome. Jennie's ... Walk" shall be told next week, and ... hear from "Bertha Bay" often.

MASONIC BOARD OF RELIEF.—A Concert ... the funds of this Institution of Charity ... given this evening at "Union Hall." ... known talent of those Artists who have ... ed their services, it will be a grand ... shall speak of it and the results in our ...

OUR ILLUSTRATIONS.—We call attention ... Cut in our columns this week, of the ... Thornless Raspberry, that is destined ... supersede all the principal varieties now ...

FISH CULTURE.—The example of the Massachusetts State Agricultural Society is worthy ... itation by all other State Societies. For ... give generous premiums for such objects ... Races, Velocipedes, etc.

Acknowledgments.

Articles Received at the California Farmer ... Rooms, No. 320 Clay Street.

MEDICAL AND SURGICAL JOURNAL—We ... March number of this excellent Journal ... edited by Dr. Henry Gibbon and Son.

Every number of this Journal contains ... valuable articles, which are important to ... to Parents. This Journal should be in the ... Library as a guide to Health.

We have received the Illustrated Catalogue ... Webster Bro's. Pioneer Agricultural Warehouse ... Stockton. This is one of the best agricultural ... establishments in our State, this House ... having a *Complete Stock*, and are doing an ... tensive business.

PRODUCE MARKET.

We clip the following from the *Commercial and Market Review* of our city to show ... statements made by this Journal are well ... by Reports made in that Journal.

We esteem the Reports of that ... among the most reliable made in our ... more to the Interest of the Farmers of ... than most of the Mercantile Journals.

"The market for Flour and Grain is in a ... state, by reason of the unfavorable market ... Great Britain and New York. The quotations ... by telegram to date are discouraging to ... without an early improvement, heavy loss ... sue to parties in interest. Of wheat and ... our present receipts are fully up to the ... market for the former sustained in a good ... choice samples, they being required to ... goes now under way.

Since the beginning of the harvest year, ... have received at this Port from the interior ... the equivalent, in round numbers, of ... million centals of Wheat. Our exports for ... period approximate five million centals. ... Wheat exports for the harvest year of 1867 ... were for each year almost the same as ... months of the passing year. Since the 1st ... our receipts of Flour and Wheat from Oregon ... to Wheat aggregate, in round numbers, ... It is generally admitted that we have a ... of Wheat in the State—a considerable portion ... under the most favorable circumstances, ... over into another harves year."

SACRAMENTO UNION AND THE RAILROADS.—... is the Sacramento *Union* so "mum" ... Railroads now? Has it lost its *zeal* for ... tral Pacific?" and has it lost its *love* for ... Pacific" at the same time? The silence ... is a mystery to its readers.

Surely the *Union* cannot have been ... by this Terrible Monopoly? can it? ... is a strange world; every one have their ...

What a Terrible concern this Central ... Railroad is getting to be. Every body, ... town and village in our State are ... through its influence. What a Terrible ... poly!

RICH FURNITURE.—We learn of large ... very *Rich Furniture* in large quantities ... tensive House of Mess. N. P. Cole & Co. ... now preparing a Stock for the Interior ... tion that will come to us on the ... Pacific Railroad.

Mess. N. P. Cole & Co. are justly ... for selling the Best Furniture at the ...

PREMIUMS OF THE MASSACHUSETTS AGRICULTURAL SOCIETY.

FISH CULTURE.

The Massachusetts Society for Promoting Agriculture, will, on March 1st, 1872, award two prizes, respectively of $300, and of $200, for the two best establishments for the culture of Food Fishes witnin this State.

A Committee of the Trustees of said Society will determine the awards, and reserve the right to withhold them, if, in their opinion, none of the establishments are worthy of them.

All competitors must send their names and addresses to the Secretary of the Society, before December 1, 1872.

In determining the awards, the Committee will be guided by the following qualifications:

1. The number of species of Fishes cultivated.
2. The number of individuals, and their size and condition.
3. The number of eggs hatched in the establishment, and of the young reared from them.
4. The neatness and economy of the establishment, and the excellence of the fixtures.

PETER C. BROOKS, JR., *Secretary*

Boston, Jan. 18, 1868.

STRAWBERRY CULTURE.

SPLENDID PREMIUMS OFFERED AT CINCINNATI.

For the best New Seedling Strawberry, a Silver Goblet, valued $50,00
Presented by W. Wilson McGrew.

For the best display of Strawberries . . $50.00
Presented by Longworth's Wine House.

For the best display of Strawberries in pots in fruit $25.00
Presented by the Pennsylvania and Ohio Anthracite Coal and Transportation Co.

For the best Three Varieties for Amateur Cultivation, the Plants to be Exhibited in pots in fruit, and with at least one pint of fruit of each variety $25.00
Presented by Robert Clarke & Co.

For the best variety for Market Culture, a plant n pot in fruit, and at leat one quart of berries to be exhibited $20.00

For the best quart of any variety, not provided for in this premium list, and worthy of a premium $5.00
Presented by American Farmer's Magazine.

For the smallest number of berries, not to exceed fifteen, that will weigh one pound . . $15.00
For the best quart Golden Queen . . $5.00
For the best quart Fillmore . . $5.00
Presented by T. W. Sprague & Co.

For the best two quarts of Fruit of any Variety $10.00
For the best quart Triomphe de Gand. . $5.00
For the best Quart Jucunda . . $5.00
For the best quart Agriculturist . $5.00
Presented by T. &. Pickering.

For the best Plant of any kind in pot in Fruit $10.00
For the best quart of Longworth's Prolific $5.00
For the best quart McAvory Superior . $5.00
For the best quart Wilson's Albany . $5.00
Presented by William Stoms & Sons.

For the best quart Napoleon III . $5.00
For the best quart White Pine . 5.00
For the best quart Hovey . . 5.00
For the best quart Russel's Prolific . 5.00
For the best quart Golden Seeded . 5.00
Presented by Louis Ritz.

SWEEDISH OATS.

Brown County, Ohio.—The pound of white Swedish oats furnished me two years ago last Spring by the Department produced seven bushels, weighing 46 pounds to the bushel. After two years of cultivation I find the quality equal to the original, weighing 45 pounds and yielding largely to the to the acre. The straw is very strong, standing up well against storms and wet, and the variety seems admirably adapted to this climate.

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front Street, near Market,

SAN FRANCISCO,

IMPORTERS

—AND—

JOBBERS

OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools,

ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMPS

Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLES, AND MOST DURABLE PUMP IN THE WORLD.

☞Agents wanted for this Coast County Rights for sale.

30-6 3m

WALTHAM

WATCHES.

The extensive use of these watches for the last fifteen years by Railway Conductors, Engineers, and Expressmen, the most exacting of watch wearers, has thoroughly demonstrated the

STRENGTH, STEADINESS, DURABILITY: AND ACCURACY

of the Waltham Watch. To satisfy this class in all these respects, is to decide the question as to the real value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a guarrantee of their superiority over all others.

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works at Waltham enable them to produce watches at a price which renders competition futile, and those who buy any other watch, merely pay from 25 to 50 per cent. more for their watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in greenbacks, than the gold prices before the war. There is no other manufacture of any kind in the United States of which this can be said.

THESE TIME PIECES

combine every improv ment that a long experience has proved of real practical use. Having had the refusal of nearly every invention in watchmaking originating in this country, or in Europe, only those were finally adopted with severe testing by the most skillful artisans in our works, and long use on the part of the public, demonstrated to be essential to correct and enduring timekeeping.

Among the many improvements we would particularise:

The invention and use of a

PINION,

of peculiar construction, to prevent damage to the train by the breakage of main springs, is original with the American Watch Company, who having had the refusal of all other contrivances, adopted Fogg's Patent Pinion as being the best and faultless.

Hardened and Tempered Hair-Springs,

now universally admitted by Watchmakers to be the best, are used in all grades of Waltham watches.

ALL WALTHAM WATCHES

have dust proof caps protecting the movement from dust and lessening the necessity of frequent cleaning, necessary in other watches.

OUR NEW PATENT STEM WINDER

or keyless watch, is already a decided success, and a great improvement on any stem-winding watch in the American Market, and by far the cheapest watch of its quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the United States where watchmakers do not abound, watches with the above mentioned improvements which tend to insure accuracy cleanliness, durability and convenience, must prove invaluable.

Every watch bearing the trade-mark of Waltham is guaranteed to be a thoroughly reliable time-keeper,

To prevent imposition, buyers should invariably demand a certificate of genuineness.

The trade supplied by Messrs. R. B. Gray & Co., San Francisco, Cal., and generally for sale at retail by all respectable dealers.

For other facts and information, address

ROBBINS & APPLETON, Gen'l Agents.

31-4 128 Broadway, New York.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL

LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO., Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

THE KIRBY CLIPPER MOWER!

IT HAS THE

INDEPENDENT

Action!

IS ALL OF

IRON & STEEL

AND OF REMARKABLY

Light Draft!

THIS IS THE

LIGTEST!

CHEAPEST!

AND

Best Single Mower!

IN THE MARKET.

THE KIRBY MOWER AS SEEN ON LEVEL GROUND.

ONE HORSE can work it by putting on Shafts in place of the Pole and then cut TEN ACRES A DAY. Length of cut, four feet two inches.

When you order EXTRAS for this machine, always state the NUMBER OF THE PART WANTED corresponding with the number on the plates on the list, and so GIVE THE NAME of the part when there is no number on it. By carefully preserving the circular, you can always order your Extras by number and by name. The parts illustrated on this sheet are for the Combined Machine, but the Clipper parts do not differ from them in name except in a very few instances.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose.)

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINTS of your guards LOW by means of the forward bolt in the pole where it bolts to the machine; IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL.

Be sure and keep all the Nuts tight and the Journals well oiled, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the Joint tight where the Pitman connects with the Knife, and then your Machine will work well without trouble or expense.

The nature and working of this Machine may be well illustrated by the following incident:

Our General Agent was in Oregon, setting up and starting a machine for a party that wanted to buy "if it suited and would cut anywhere." He led the way around the field followed by the Agent driving the Machine; as he was led off from smooth ground to where it was rough and boggy, and where it had never been cut over before, driver simply bore his weight back in his seat, thus elevating the heel of the finger bar and holding it there with his weight, and at the same time elevated the outer end of the bar with the lever at his right, following CLOSE UP to his leader until the level ground was reached again; then he dropped the bar again, having followed the purchaser close all the way through. His curiosity was roused to know how the Machine was brought through without getting STUCK, and the reply was "it was not made to STICK, it was made to go." followed the Machine around once, and then got on and drove around twice, when a neighbor said: "Mr. Within how do you like the Machine?" His reply was: "To tell the truth it is a little the nicest Machine I have ever seen, for I can sit here and work my hand and feet and balance the Machine with my weight, all at the same time, I will have to keep it," and paid his money down for the Machine.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way, for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

Country Homes Wanted.

There is wanted at this time, several Homes in the Country, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

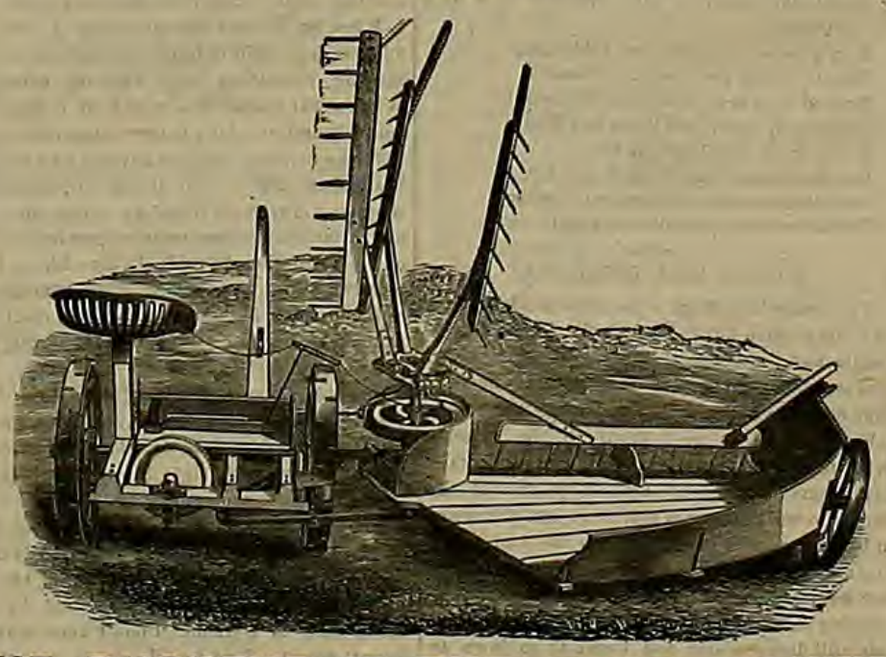
Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

31-1 Proprietor of the Auzerais House.

M. C. HAW & CO., 108 FRONT ST., SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK. SAN FRANCISCO. PORTLAND.



THE BUCKEYE IS THE BEST MOWER.

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER.

MARCUS C. HAWLEY & CO.,

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER.

ALSO, THE GENUINE

HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake,

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS.

And a COMPLETE STOCK of

Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.,

31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Home Miscellany.

LOOK TO THE END.

BY MRS. H. A. DEMING.

[The following "Gem" we clip from No. 1 of the *El Dorado*, the new Journal just issued as the *Advocate of Women*. This little Poem, is worthy of a place in any Magazine in our land, and reflects great credit upon the gifted author, a lady of this city.—ED. FARMER.]

Speed onward, press on in the pathway of the right,
Wherever that pathway may tend,
Nor falter, though mountains encumber thy way,
But hopeful look to the end.

Though waves of adversity compass thee round,
And threaten thy bark to o'erwhelm,
With hope for thy beacon, strike manfully out
The fierce rushing torrent to stem.

Use wisely the talents, though many or few
Which God in his goodness has given
To man, to be rendered the Giver, when death,
The soul from earth's fetters has riven.

Waste no priceless moments in idle regrets—
'Twere mingling life's sweetness with gall,
We know the present alone can be ours,
The past we can never recall.

Never swerve from a duty, however severe,
Let the world frown or blame as it may;
Ever follow the dictates of Justice and Truth—
The whisperings of conscience obey.

And when, near the close of life's perilous race
Thy way to the goal thou dost wend,
At peace with thy God, and mankind thou canst
And fearlessly look to the end. [pause.

BETTER CHEER.

Tides ebb again to flow;
Lights pale again to glow;
This, Nature, under-read,
Hath to all creatures said.

And God's is Nature's tongue;
Wherever Faith has sung,
In prose or flowing rhyme,
This truth has grown sublime.

Be ye of better cheer,
Who graveward grope with fear;
From out that silent gloom
Life springs to fairer bloom.

Our woes but crush the weeds
And scatter goodly seeds;
Whose harvest-moons shall rise
In everlasting skies!

(*Overland Monthly.*)

BEAUTY.

Beauty the offspring is of a free soul
And vigorous healthiness. Free tribes of men,
Who have thought nobly, greatly,—simply lived—
Have in the mass been fair. Would'st thou have beauty,
Then give the people freedom, noble aims,
Busy them with great work. Humanity,
Even on the way to freedom, as its thought
Grows freer, nobler, and it sees and lives
Most truly, is already on the way
Into that realm of beauty which one day
Shall bloom on earth; for beauty of the form
Does not express a beauty of the soul.

FATHER WILL LOOSE ALL.

Two brave little boys were drowned last June, in a river which flows through the State of Minnesota, and has the same name—Minnesota River. The two little boys asked some one at home if they could go out walking, and when they were told they could go, went down to the river.—What they did for awhile, nobody knows, for they never came back to tell. By-and-by, one of the two, who was nine years old, went into the water to bathe, but soon he got out too far, and began to sink. The brother, who was older, saw him, and went in to help him out. Instead, however, of being able to help him, both the brothers got into still deeper water, and began to go down to the bottom of the river.

Well, you know that the bodies of those who are drowning almost always rise to the top of the water. So it was now, just as the boys rose to the surface, they saw the third boy—the youngest of them all—running down the bank to try what he could do to save them.

Then it was the middle-aged of the brothers—the one who was only nine years old—acted the part of the hero. In the midst of the waters, trying as he must have been, to get breath, and seeing only death before him, he cried out to the brother on the shore: "Don't come in, or father will lose all his boys at once?"

Was he not a hero in his way as much as many a soldier, whose deeds of glory as they are called, are talked of, praised, and written about in books. He was a tender-hearted boy surely. In the last moment he thought of his father. As quickly as the telegraph flashes the words from city to some near town the thought of this poor father's distress, and how if this young remaining brother should be drowned, their father and mother could not like Rachel be "comforted"—shot through the mind of this noble little fellow.

The youngest stood still upon the shore, and saw his dear playmates go down into their watery grave alive, and then went back to tell the tale, and the message of his hero-brother.

The earthly remains of the little ones were found clasped in each other's arms, in the tight grasp of death.—*N. Y. Observer.*

LYDIA MARIA CHILD ON BOSTON—CHANGES AND INTERESTING REMINISCENCES.

Lydia Maria Child writes from Boston to the Anti-Slavery Standard some time ago as follows:

"A visit to Boston always make me feel extremely old; things in that city are so different from what they were when I was a gal! Houses where I was once a familiar guest have disappeared, and on their sites have risen magnificent stores, through whose windows of immense plate glass all the fashionable extravagances and artistic graces of Europe are exhibited. In fact, stores multiply so fast that they seem to be banishing houses from the city, as the ambitious spirit of trade is banishing our old domestic ideas and habits.

No alterations in Boston strike me so much as the change on the common. In my young days the lower part was an uneven, marshy space, unsightly and desolate. Now it is covered with blooming gardens, picturesque arbors, enclosed parks for deer and artificial ponds, where handsome aquatic birds are floating about, fed by troops of pretty children. I noticed that the white swans and the black swans were swimming together, undisturbed by difference of color; and it occurred to me that civilized man was in some respects more foolish than birds.

I was going to say that the city was now ornamented by various statues of public men; but I hesitate about using that phrase, being somewhat doubtful whether the statues are ornamental. That of Daniel Webster, in ungraceful, ill-fitting costume, gives a poor idea of the magnificent looking man he really was. My first impression of him was received while he was arguing against William Wirt, in the famous Tuttle-Hubbard case, before I thought about slavery. I think it was in 1829.

The statues of Horace Mann, and Edward Everett have one defect in common; in both, an attitude belonging only to the transient motions of oratory is rendered permanent in bronze; and the effect is necessarily ungraceful and constrained. As I paused in my walk to look at the image of Everett various reminiscences flitted through my mind. I recollected hearing him for the first time, in Plymouth, in 1826 or 1827. While all around me were praising his eloquence, I remained silent; and when my friends insisted upon knowing how the speech affected me, I replied: 'It is rhetoric, not eloquence. It plays round the head, but not a syllable of it reaches the heart.' The declaration was deemed heretical, and somewhat presumptuous. But I had answered according to my instincts, and I never changed my opinion.

Some thirty years afterward, before John Brown had begun his march with 'Glory Hallelujah!' Mr. Everett delivered an address on Bunker Hill, where Mason of Virginia also performed, and where Toombs of Georgia proposed to call the muster-roll of his slaves, and with a very promising prospect of realizing his insolent project. The Sunday preceding that memorable occasion, I happened to hear Theodore Parker preach concerning the changes of character in this country since the Puritans. In allusion to the approaching cerimony at Charlestown, he said: 'This week there will be heard on Bunker Hill that most foolish of all noises: the human voice when it means nothing, comes from nowhere, and goes to the place it came from.' As I stood looking at the outstretched arm of the popular rhetorician in bronze, the attitude recalled an anecdote which made me smile.

When Mr. Everett was preparing a lecture or address, he is said to have been in the habit of arranging everything very carefully beforehand. When about to deliver a speech at Lexington, in commemoration of the battle on the 19th of April, 1775, he inquired whether any one who fought on that occasion were still living. Being informed that one old man survived, he called upon him, and, after some conversation concerning the events of the Revolution, he said: 'In my address I shall make an allusion to those who fought at the battle of Lexington. I want you to sit in front of me, and when I begin to allude to those heroes, I want you to stand up.'

The old soldier obeyed his instructions; but as soon as he arose from his seat, Mr. Everett extended his arm, as the statue now does, and exclaimed, 'Sit down, venerable sir! Sit down! It is for us to stand in your presence.'

The aged man obeyed the direction, but in the simplicity of his heart he was quite bewildered by such contradictory orders. He had no idea how effects were produced in oratory, and he afterwards said to a friend: 'I don't know what Mr. Everett meant. First he told me to get up, and then when I got up he told me to sit down.'

All this, and much more, the statues said to me when I was in Boston a few weeks ago. I might repeat various thoughts that passed through my mind while looking at the statue of Franklin, and how I shook my head at it reproachfully, and said: 'Ah, if you had done your duty like an honest man when the Constitution was formed, the horrid war of the rebellion would never have stained our annals.' But when old folks undertake their reminiscences and their wise cogitations, they are in danger of being more lengthy than interesting So I will bid you adieu for the present.

L MARIA CHILD."

—A lady and gentlemen of Troy, N. Y. whose connubial bliss is perfect in everything save the presence of children around the domestic fireside, were examining some illuminated mottoes in a bookstore the other day, when the wife picked out one bearing these words: "God bless our home." The husband thought that very good, but still not exactly what they wanted Looking a little further he picked up this one: "Suffer little children to come unto me," and he assured his wife that was what they wanted.

—Hoops have been compared to obstinate persons, because they stand out about trifles.

—In the languague of flowers—if you wish for "hearts ease," never look to "marry-gold."

INGRATITUDE.

AN OLD MAN IMPRISONED BY HIS WIFE AND SONS.

Many of our citizens remember Mr. James Gibbon, a worthy and respectable farmer, who for a number of years has resided on a farm about fourteen miles from the city. Some months ago he became unfortunate in business, and while laboring under pecuniary embarrassment, made an assignment of all real and personal property to his sons. Time wore on, and as the cloud of adversity which had temporarily covered his fortune passed away, he applied to his children and requested them to relinquish the property which he had assigned to their care. Strange as it may appear this reasonable request was refused, and a system of persecution was at once commenced against the old man, which rivaled in malignity and wickedness the filial ingratitude displayed by the daughters of King Lear, the story of whose wrongs has been immortalized by England's greatest bard. The poor old man, tottering on the verge of the grave, was refused the custody of that property which he had acquired through years of toil, and was daily subjected to persecution and insult at the hands of his unnatural offspring, to whom he had always been a kind and indulgent parent, granting them everything that was in his power to supply. But a few years ago his oldest son emigrated to Idaho, but being unfortunate in business returned to the parental roof, ragged and destitute. The father took him in, gave him his old seat at the family board, and provided him with money and clothing—an act of kindness which the hopeful offspring now repays by the most shocking ingratitude. The conduct of the sons, it seems is sustained by he mother, who turns against her husband and vies with her sons to render his lot a hell on earth. A few weeks ago Mrs. Gibbon preferred a charge of assault and battery against her husband, and on this charge, false in every essential particular, he was brought up for trial before a justice of the peace, and, on the false swearing of numerous witnesses, engaged expressly for the occasion by the plaintiffs, found guilty and fined in the sum of fifty dollars. In vain Mr. Gibbon implored his sons to advance the money and remit his fine, or become his security. With a depth of cruelty and ingratitude that almost surpasses belief, they refused to do either, but allowed the old man to be led away a prisoner to this city, where he is now held in close confinement in the county jail.—*Dubuque (Iowa) Times.*

This is but one case in a thousand which could be illustrated in the Golden-land of "Eureka." What a history of filial ingratitude could be written were the secrets of families to be made known, even in the favored State of California!

MINCE PIE WITHOUT MEAT.—Take figs and rasins, add convenient proportion, chop and add a little lemon juice or chopped sour apple. Stew it before putting it into the crust. This requires no sweetening or flavoring, and is perfectly beautiful. Materials can always be got, and are no more expensive than those which require sugar to sweeten them.

No man has a right to bring up his children without surrounding them with books. It is a wrong to his family. He cheats them. Children learn to read by being in the presence of books. The love of knowledge comes with reading, and grows upon it. And the love of knowledge in a young mind is almost a warrant against the inferior excitement of passions and vices. It is a man's duty to have books. A library is not a luxury, but one of the necessaries of life.

"He who will not provide for his own household is worse than an infidel," thus says the Scripture.

—John Neal says "the eagle has a contempt for all other birds." The owl, however, is more contemptuous still—he hoots at everything.

—Nothing so completely baffles a man who is full of trick and duplicity, as straight-forward and simple integrity in another.

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Miscellany.

THREE OLD SAWS.

If the world seems cold to you,
Kindle fires to warm it;
Let their comfort hide from view
Winters that deform it.
Hearts as frozen as your own
To that radiance gather;
You will soon forget to moan,
"Ah! the cheerless weather!"

If the world's a wilderness,
Go, build houses in it;
Will it help your loneliness
On the winds to din it?
Raise a hut, however slight;
Weeds and brambles smother;
And to roof and meal invite
Some forlorner brother.

If the world's a vale of tears,
Smile till rainbows span it;
Breathe the love that life endears,
Clear from clouds to fan it.
Of your gladness lend a gleam
Unto souls that shiver;
Show them how dark Sorrow's stream
Blends with Hope's bright River.

THE PARIS GIRLS.

At the public balls you will remark the rare beauty of the girls—girls and women of the people. The black-eyed or blonde Parisian, slender, graceful, nervous, all fire and action; or the peasant girl, large, round, soft, ruddy, quiet. One obscure Paris model, I knew, was a tall, blonde Lombard girl, with luxuriant tawny hair, which, always in "admired disorder," was simply drawn back and twisted on the head. She loved Victor Hugo's books, was a Red Republican, and would have fought and sung on the barricades like an Amazon of Liberty, with the same careless spirit that she sang and sat in Parisian studios. She had eyes blue as her own Adriatic, a finely formed full mouth, a fair skin, and a superb neck, well placed. She carried her head like a swan. Although poor, almost homeless, no social slavery had touched her. Her face was wild and free like a Bacchante's. A great painter could have found an immortal type in her large noble face and heroic figure—could have seen under the rags of her poverty an antique virgin, sister of the Venus of Milo. How long would an artist have to hunt in New York or Boston for such a type? We produce one type—"the girl of the period"—who generally overdresses, who is pert and trivial, who is intelligent and vivacious, but dreams just as little as her brother the clerk, or her father the banker. They have but one idea—it is to advance. The girl of the Continent dreams, feels poetry, is impressionable, naive, and has sentiment; if of the people, she is generous, and respects her impulses. I have seen in Paris, at the public concerts, French girls, white and blonde, demure and frail, delicate like New England sunday school teachers; looking at them, you could not expect anything but a tract or a hymn, but they give you something very different.

A type very often seen is the beautiful dark woman, with an oval face, dead olive skin, very pale, Oriental eyes, stained with henna, hair in great flat bands on the temples, coiled and twisted behind, a type admired by Gautier, Baudelaire, and De Musset; the kind of woman of whom De Musset wrote: "Two destroying angles, sweet and cruel, walk invisible at her side; they are Voluptuousness and Death."—*Atlantic Monthly.*

ALL ABO T LOOKING GLASS.

A few years before his death, the Emperor Nicholas of Russia sent a looking glass of rare size and beauty, with an embassy to the Emperor of China. The looking glass had to be carried all the way from St. Petersburg to Pekin by human hands. Despite the immense distance which had to be performed in this manner, the looking glass safely reached China; but, in the meantime, difficulties had broken out between Russia and China, and "The Son of Heaven" neither admitted the embassy, nor did he accept the present. A ~~courier~~ was dispatched to St. Petersburg, and asked the Emperor what was to be done with the looking glass. The Emperor replied that it should be carried back by the same route and in the same manner. When he gave this order, the Grand Duke Michael happened to be present, and offered to lay a wager with the Emperor to the effect that the looking glass would be broken on the way back to St. Petersburg. The Emperor accepted the wager, and the bearers of the looking glass received stringent orders to be as careful as possible. If they should break it on the road, they should be severely punished; but if they should bring it back safely, they should receive a handsome reward. They carried it back with the most incredible care, forty men bearing it by turns, and safely reached St. Isaac's place in St. Petersburg with it, where the Emperor stood with his brother at the window of his palace, and laughed at having won the bet. But on the staircase of the palace one of the carriers slipped his foot, fell down, dragging several of his companions after him, and the precious looking glass was broken into a thousand pieces. The Grand Duke, therefore, won his bet.

A nervous man, whose life was made miserable by the clattering of two blacksmiths, prevailed upon each of them to remove, by the offer of a liberal pecuniary compensation. When the money was paid down, he kindly inquired what neighborhood they intended to remove to. "Why, sir," replied Jack, with a grin on his phiz, Tom Smith moves to *my* shop and I move to *his'n!*"

Lumber at White Pine.—It don,t take much to build up there, Lumber sells at $ 250 to $ 350 per thousand. Why don't some live yankee put up a saw mill, and make his pile."—

——Learning makes a man fit company for himself.

IRON STEAMSHIPS AND HOW TO BUILD THEM.

The days of wooden hulls and sailing vessels are numbered. The iron hull, properly constructed, outlasts, perhaps, half a dozen wooden hulls—the first iron ships, if not running to-day, were only broken up because they were too old fashioned. The iron hull greatly increases strength, durability, carrying room, and capacity for fine lines, heavy enginery, and consequent high speed, with a given displacement. And regularity of arrival and departure, and the consequent economical regulation of all associated business transactions, have rendered steamships preferable to sailing ships, even to carry coal, which of all freights can afford to wait. Wind costs nothing, but time is money, and steam and time, like power and heat, are convertible terms. Few if any wooden or sailing vessels are building in Great Britain, and our leading constructors and merchants admit that iron steamship building must be the leading feature in the reserrection of our ocean supremacy.

The history of iron ship-building in Great Britain is full of instruction, and if our builders are wise, they will profit, not only by the mistakes, but by the talent and experience of European constructors. The early iron ships were well built, of plentiful and good material, but not with the greatest economy of it, and many of them are running to-day. Their wonderful endurance in seaways and on lea shores is proverbial. Afterwards the business was overdone, just as locomotive building was in this country a few years ago, and as a result cheap and bad work; *Royal Charters and Connaughts* were put afloat to the peril of money as well as life. And at last science came to the rescue; less material is so placed as to insure greater strength, and people are beginning to pay good prices and to get good work out of good ships. The successful transatlantic companies do not go to second-class builders; they cannot afford to run cheap ships.

There are no second-class iron ship builders in this country yet, and this is the promising feature of the enterprise. If our builders never turn out work, they and our merchants and the public will be vastly the gainers in the end. We can better postpone iron ship building another decade than to lower the standard of American work.

And still greater reforms and improvements must be introduced. Thick plates where they cannot work, must be abandoned. A rib placed where it can receive a maximum strain, costs no more than a rib placed where it is merely dead weight. A ship is primarily a beam. As a beam it receives every strain of the sea. Now, a bridge or any girder made up of a thin, light web, running from end to end, and great vertical parts without longitudinal connection, would hardly sustain itself. Yet a ship so constructed is expected to hold up the enormous weight of its unsupported ends every time they overhang the trough of the sea, and of its partially supported middle every time the ends are buried in the waves—a constant and powerful vertical and lateral strain upon every joint in the hull. The great strain on a ship is the perpetual pulling apart and shutting together of its bottom and deck in a longitudinal direction, and yet the greater number of iron ships have been built without sufficiently strong bottoms and without any top strength except their sides. Many ships have first broken apart at the top sides and then gone to pieces. Heavy, continuous iron decks along the sides have partially remedied this evil. But the grand reform in this direction is to make the frames, the ribs of the vessel, longitudinal instead of vertical. Now, they are chiefly studs upon which to nail the siding. By making them continuous from end to end, they perform every present function and add their enormous strength, *in the direction of the greatest strain.* Some genius has objected to the longitudinal rib system because the ribs of fishes are vertical. But while the rolling top of the sea forms a constantly varying support for a ship, a fish swims in a uniform medium that would not bend a reed—not on the water, but under it—and it has been observed that ships built like fishes have a tendency to do the same thing.

If our iron ship-builders will place our superior iron only where it can work, so as to use less of it, they can at once and successfully compete with foreign builders in cost and quality, and so revive not only our workshops, but our merchant marine.—*N. Y. Times.*

A scarecrow has been invented down East of so hideous a character that the crows are bringing back the corn they stole last year.

In New York it has been discovered that the beef tongues and beef tea sold there, are made of horse.

THE PHOTOSCO COMPANY.

THE NEW INVENTION of this Company is known as ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture in the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest effect of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changible pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

The Company have opened a Suit of Rooms for Exhibition and sale of the PHOTOSCOPIC TABLE at the corner of St. Marks Place, No. 23 KEARNY St., west side, up stairs, to which they cordially invite the public to examine them.

32-1

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES.

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO

30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,

30 23 King St San Francisco.

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

ALL KINDS OF POTATOES,

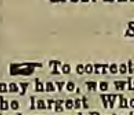
(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

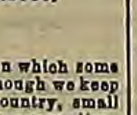
Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.

HURON, ERIE Co., OHIO.





Horticultural Premium

New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Davis Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure these ne and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL.....$750,000 00
SURPLUS, July 1st..... 363,862 89
CASH ASSETS.....$1,113,862 89

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN.
MARINE,
INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
A. Seligman,
L. B. Benchley,
Wm. Sherman,
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Jas. De Fremery
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Adam Grant,
Alpheus Bull,
S. M. Wilson,
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W. Scholle,
Morton Cheesman,
H. Hanssmann,
D. W. C. Rice,
Oliver Eldridge,
E. W. Leonard
S. Steinhart,
P. L. Weaver,
Wm. Hooper,
Alfred Borel,
A. Hayward,
T. L. Barker,
Alex. Weill,
Chas. Meyer,
J. D. Fry,
M. Rosenbaum
H. H. Bigelow,
T. Lemmon Meyer.
SACRAMENTO
Edgar Mills,
G. W. Mowe,
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MARYSVILLE:
J. H. Jewett.
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W. S. Ladd,
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VIRGINIA, NEVADA:
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H. H. BIGELOW, General Agent.
T. C. GRANT, J. E. BIGELOW, } Local Agents.

17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L. AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

is on the red cover of the package.

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates;

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
119 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE, &c.

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD, China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.

Alcohol, Turpentine, Lamp Stock of all kinds.

Gasoline, gravity 84.

Naptha, gravity 65 and 71.

Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by Editor Farmer.]

San Francisco, March 18.

Grain, &c

We ask the serious attention of all our grain growers to the true condition of their interests at the present moment—we ask them to give a little serious reflection to this matter *now*, for their real *weal or woe* depends upon their own decision *now*.

Every grain grower in our State should realize his own position, his own interest is at stake. The accounts from Europe, and from the Eastern States, all now show a heavy decline and also, a tendency to a still lower price, and almost a moral certainty of losses to those who have shipped grain and flour from this side for the last few months, and the result of these losses may affect the grain trade here, for there is no telling *where* the "shot will strike;" large shipments and large speculations in "Bread Stuffs" *make or mar* many fortunes.

We would sincerely advise our *Grain Growers* to make up their minds to a low price at the opening season, for with the *very large amount* of wheat that must now be held over, the facts are inevitable, that we shall be largely *overstocked*, and prices must rule low.

Everything rules against high prices for the next *two years*, and the decision now with the Farmers should be, *realize for your Grain crops the best you can now.*

In nearly eight months past, we have foreseen the present state of things and constantly, and steadily we have sent out the "watchword" to Farmers, Sell! Sell!! Sell!!! Those who sold were wise—those who listening to the *unwise counsel* of the Sacramento *Union*, "Hold on," may now count the cost and learn wisdom for the future.

The present copious rains, and the certainty of more than fifty per cent. larger crop than last year should convince our growers of grain that Wheat will be sold at that figure before the new crop comes in.

There are *thousands* and *tens of thousands* of tons of Wheat now on hand scattered through the State, which could have been sold at $1 75 to $1 95, that will not realize $1 50 to-day. So much for the "Hold On" doctrine of the Sacramento *Union*. Our Farmers owe a debt of ———— to the *Union* for their sage counsel?

The wool crop of our State will be large, and promises to pay well. Prices are advancing East.

Wheat California, ₱ 100 lbs	$1 45	@	1 60
do Extra	1 65	@	1 70
Barley, ₱ 100 lbs	1 50	@	1 75
Rye ₱ 100 lbs	2 05	@	2 25
Oats, California, ₱ 100 lbs	1 62	@	1 75
Corn ₱ 100 lbs	4 50	@	4 75
Flour, Superfine, ₱ bbl	5 00	@	5 50
do Extra	4 00	@	4 50
Oregon Superfine	4 75	@	5 00
do Extra for shipping	2 75	@	3 50
Corn Meal, ₱ 100 lbs	2 50	@	3 00
Buckwheat, ₱ 100 lbs	17 00	@	20 00
Bran ₱ ton	30 00	@	32 00
Middlings ₱ ton		@	35 00
Oil Cake Meal, for feed, ₱ ton	5 00	@	7 50
Beans, ₱ 100 lbs	75	@	90
Potatoes	2 00	@	2 50
do sweet	2 75	@	3 50
Onions	12 00	@	18 00
Hay, ₱ ton, extra	10 00	@	15 00
Hay, ₱ ton, ordinary	600	@	8 00
Straw ₱ ton			

Retail Prices in the Fruit Market.

During the past week we have had a good supply of Apples from Oregon; also, Bananas and Pines, from Panama, Lemons and Oranges from Los Angeles. The Bananas and Pines were, indeed, fine and excellent. Oranges and Lemons, good. The Apples, as a rule, were of second-class quality. Strawberries come to hand in small quantities, and are comparatively flavorless, which may be attributed to our Spring showers. Good Pears are very scarce, consequently bring very high prices.

Apples, ₱ box	2 00	@	4 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	—
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh	—	@	—
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	—	@	1 00
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	75	@	1 00
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	25	@	50
Limes, ₱ doz			
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15

Retail Prices in the Vegetable Market.

Vegetables of all varieties in season are plentiful and very moderate in price. Our gardeners are arousing themselves to more active and persevering industry. They are persuaded of the fact that San Francisco Market is becoming more on an equal, with New York, and European Markets. Times are not now what they were years ago, when outrageous prices were to be had for produce. Gardeners in those times, as a rule were indolent, raising just sufficient to keep the wolf from the door, now they have to labor, well knowing that prosperity alone depends upon their own energy, and proud are we in knowing that many are much better off now than they were at the time of high prices. The old maxium is being verified "the hand of the diligent maketh rich" price below.

Asparagus, ₱ lb	15	@	25
Artichokes, (Fr.) ₱ doz	75	@	1 00
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	60
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	200
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb	15	@	25
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	6	@	8
do Sweet	6	@	8
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
arsely	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	25
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	5	@	—
do Marrowfat	3	@	8
do Hubbard	—	@	—
Beans, String	—	@	—
Green Lima, shelled	—	@	50
Spinage, ₱ basket	25	@	—
Salsify, ₱ bunch	25	@	37
Turnips, ₱ doz		@	25
Tomatoes, fresh, ₱ lb			

FISH

(Tessmore and Hayes.)

The Market continues to be well supplied with all seasonable varieties of the Pisces class. Salmon Trout also, are extremely reasonable in price. Herrings have become abundant; nevertheless, the price they bring is very high in proportion to the prices of other Fish.

Salmon, ₱ lb	10	@	12
do smoked, new	—	@	30
do pickled, ₱ b	—	@	8
do do ₱ lb	—	@	—
Salmon Trout ₱ lb	8	@	37½
Smelts	—	@	10
Perch	10	@	12
Rockfish	—	@	12
Codfish, dry	—	@	18
Herring, fresh		@	8
do smoked	—	@	1 00
Tomcod	—	@	12
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small	—	@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass	—	@	—
Halibut, rare	—	@	5
Sturgeon	100	@	1 25
Oysters, ₱		@	
Lobsters, ₱ lb			

MEATS-

(L. Miller & Co.)

Our Butchers have not made much of a display during the past week. We presume it is in consequence of good Beeves and prime Sheep being rather scarce.

The fault is with the graziers, and not the retailer of meats. We again assert that the finest and best of Sheep and Beeves can be raised in this State, and with far less expense and trouble than in many other climates—proper and seasonable crops *must* be grown for the purpose of fattening cattle, etc., for the Market.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

POULTRY AND GAME.

(A. A. Louderback.)

In consequence of meats not being so prime in quality as they might be, our various Housekeepers, etc., have had to resort to the Fowl department; therefore, the dealers thereof, have had a good run and have been doing a smart business during the past week. The wholesale prices remain good and firm.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 00
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	25	@	30
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	9 50	@	10 00
Spring Chickens	9 00	@	10 00
Turkeys, ₱ lb	—	@	20
Ducks, tame, per doz	9 50	@	10 00
do wild	—	@	3 00
do Mallard	4 00	@	4 50
Geese, tame, per pair	250	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	1 25

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

We are well supplied with Dairy produce. Our Housekeepers can keep their larder well stocked at reasonable rates. Best fresh California Butter can be had at fifty cents per pound, and fresh laid eggs at forty cents per dozen, and those prices have a good margin of profit to all parties connected therewith.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	40	@	45
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	25
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	37	@	42
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	42½	@	45
Eggs, ₱ doz	—	@	37½
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

Beef—American, 1st quality, 14 @ 15 c ₱ lb
do. 2d do. 11@12c.
Mutton—8 @12½ ₱ lb. Lamb— @15c.
Pork—undressed, —@7½c; dressed, 9@10c.
Veal—12@14c ₱ lb.

New Productions of California,

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	18@20
Medium	13@15
do burry	10@12
Wool-sacks, new	70@90
do second-hand	40c@50
Dry hides, ₱ lb	13@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	6@6½

Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the Farmer office,

Or address Editor Farmer.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

March 10th—GOLDEN CITY, Capt W. F. Lapidge, connecting with ALASKA, Capt. Gray.

March 18th—MONTANA, Capt. E. S. Farnsworth, connecting with RISING STAR, Capt. Connor.

March 30—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCEY, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

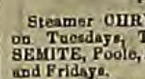
For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se6 OLIVER ELDRIDGE, Agent.

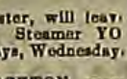
California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL



THE FAST AND SPLENDID STEAMERS



CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17.13 J. WHITNEY, JR., President

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wadsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argents at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argents at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2.19 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermitt, Silver City, Owyhee, and all points in Idaho Territory.

At Argents with Stages for Austin, and at Elko with Stages for White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

—o—

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PL... in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. M... Vermifuge, they very frequently get one or other of the many worthless preparations called V... now before the public. We therefore beg leave to urge upon the Planter the propriety and ... ance of invariably writing the name in full, and to advise their factors or agents that they will not ... other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BRO... BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS, ... popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements ... alent in the South and South West, has induced the venders of many worthless nostrums to claim for ... parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are ... ginal and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the P... Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Do ... Vermifuge nor Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG, P...

DR. M. LANE'S CELEBRATED LIVER PILL...

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LI... BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER CO... and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the ... South, where, in the majority of cases, the patient is not within the reach of a regular physician, ... some remedy should be provided, that would not in the least impair the constitution, and yet be safe and ... That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The ... which has invariably attended their use, will, we think, be sufficient to convince the most incredulous ... our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects ... they have been so tested, and that the result has been in every respect favorable, we call thousands ... who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular ... the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms ... deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function ... to perform, and on the regular execution of which depends not only the general health of the body ... of the Stomach, Bowels, Brain, and the whole Nervous System, shows its vast and vital importance ... health. When the Liver is seriously diseased, it in fact not only deranges the vital functions of the ... ercises a powerful influence over the mind and its operation, which can not be easily described. It ... connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful ... that it misleads more physicians, even of great eminence, than any other vital organ. The intimate ... which exists between the Liver and the Brain, and the great dominion which I am persuaded it exerts ... passions of mankind, convince me that many unfortunate beings have committed acts of deep and crimin... or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I ... convinced that more than one-half of the complaints which occur in this country, are to be considered ... their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of ... Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequ... of which we afterwards ashamed; last, though not least, more than three fourths of the diseases ... under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful ca...

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, ... pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; ... pain is felt under the shoulder blade, and it frequently extends to the top of the shoulder, and is ... taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bow... ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a ... sensation in the back part. There is generally a considerable loss of memory, accompanied with a ... tion of having left undone something which ought to have been done. A slight dry cough is sometimes ... ant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burn... complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that ... be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts ev... Several of the above symptoms attend the disease; but cases have occurred when few of them existed, ... ination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when ... Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or ... Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not ... or three times by next morning, take one or two more; but a slight breakfast should invariably follow ... The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they ... to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight ... of the Stomach.

DR. McLANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropi... consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is ... cause is frequently overlooked, and consequently the proper remedy is not applied. But when the pa... fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to ... cause. It ought here to be particularly remarked, that although but few worms may exist in a child ... ever quiescent they may have been previously, no sooner is the constitution invaded by any of the ... of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it ... happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause ... to treatment, judicious in other respects, but which entirely fails in consequence of worms being ... even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be ... loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, ... with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, ... al flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; ... circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the ... occasional headache, with humming or throbbing of the ears; an unusual secretion of saliva, ... tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with ... sensation of the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea ... violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequ... with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied ... cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper ... but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE RE... UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to ... in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffe... viding the symptoms attending the sickness of the child or adult warrant the supposition of worms being ... In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN ... IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest ... most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened ... morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. ... a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLA... great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons ... palming upon the public counterfeit and inferior articles, in consequence of which the proprietors ... forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following ... of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McL... FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as ... McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROP... This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have ... stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post, paid, to any part of the United States, one box Liver ... Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, MARCH 25, 1869. NUMBER 10.

The California Farmer AND Journal of Useful Sciences.

PUBLISHED EVERY THURSDAY EVENING

BY WARREN & CO.

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SAN FRANCISCO.

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☞ City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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MESSRS. VILMORINE, ANDRIEUX & CO., Paris.

AMERICAN INSTITUTE FARMERS' CLUB.

IMPROVED TOOLS FOR ROOT CULTURE.

The same gentleman read a paper on Root Culture and the appliances by which it can be conducted with the least cost. In view of the growing wants of a great and growing people; in view of their ease of production and enormous yield; in view of the partial and, I trust, temporary deficit of the oat and potato crop; in view of so desirable a comfort and convenience to the wants of the table, the more extended and general cultivation of the Root Crop, as it is called is a great national desideratum. Taking into consideration the vicissitudes and casualties of grain-growing, coupled with the enormous price our Eastern lands have reached, as Prof. Cook of the Geological Survey informs us, the average in New Jersey being, according to our last census, more than $60 per acre, grain-growing and grass farming must, in a measure, be remitted to the great prairies of the West. Some writer in a late number of the Tribune very justly remarks that we are "entering an age of ideas." The truth is, our ideas are too aged already. The time has undoubtedly come when progressive improvement is the necessary order of the day. Improved implements of culture must offset the continually increasing scarcity and consequent rise in value of good land, skilled labor, and fertilizers. Hence, that the common farmer must switch off and come up in the right track, or the profit margin will grow beautifully less.

The faults of ordinary management are first: The impoverishment of the soil by continued overcropping; second, the omission of a suitable preparation of the soil by reckless and indifferent plowing.

Such an apparent violation of well-known principles, nature abhors, and very soon asserts her better judgment, by witholding the desired increase. Begging your pardon, gentlemen, I only quote the words of another when I say 'nature knows better than man what the roots want.' Root crops, as they are called, delight in a kindly soil, and gentle and careful treatment. They bask in the sunshine if our most favored season is but a short one. Hence, every possible encouragement should be given. All garden pulse or edible vegetables should have a quick and strong growth to insure that succulent, tender sweetness so much prized. On most farms, after a fair preparation of soil, the crop is planted, in rows of course, but generally too close together for profitable working. The extra labor required comes at just the time when the farmers can ill afford it, and this I consider one of the most serious drawbacks to successful Root-growing. This ambition to compete with the New York City Market Gardens is only a successful failure, as it involves too great a division of interests, a fact too often overlooked. Now, what is the remedy for this defect? Give the crop reasonable space, enough to allow working by horse-power; not less than two feet, and for broad leaved roots even three feet will oftentimes be found practically advantageous. This question of Agricultural labor is becoming a matter of no small importance, as out of it grow 50 per cent of the issues of life or death to farming. It is the farmer's mint where he coins his gains and losses. The hired farm laborer gets say $28 per month, or counting eleven months actual labor performed $308 per annum. It would take but a meager calculation of figures to show that the ordinary farmer who depends upon his profits to make both ends meet, must practice the most stringent economy. The crop planted, of all crops demands, in the most arbitrary manner, timely care and attention, for irrevocable injury will certainly ensue if they become early enveloped in weeds. And with labor above high-water mark, and most thoroughly unskilled at that, he makes a virtue of necessity, procures a skeleton or narrow mold-board plow, "sinks it into the hub," cuts off the feeding roots, and ruins his crop. The preparation of the soil I consider a matter of the highest importance. If we select a site unadapted to fruit, ever so much money, skill, time, and patience, only grievously adds to the breadth and depth of certain failure, and forthwith fruit-growing is deried as a doubtful investment. What incalculable advantages might have been reaped had this point been as deeply impressed upon our mind at the outset of life as years of sad and disastrous failure has fully demonstrated it. Never plant roots in ground ill prepared. Better wait till the "right time of the moon" goes down and comes up again, than plant in soil not properly prepared. It is a well-known axiom also that soils acquire fertility by exposure to the influence of the atmosphere; hence, after a tedious and protracted spell of unfavorable weather how often do we see the whole force of the farm summoned to subdue the army of weeds that are holding wild revel over the infant crop. Now one hour's efficient working of some labor-saving implement would be disastrous, enabling him not only to save his crop, but putting it in his power to do just the right thing in just the right time. For the relative and comparative value of the Root-crop for both nourishing and fattening purposes a few brevities condensed from writers of authority may suffice. One says all roots have "valuable nutritive qualities," some to a surpassing extent. Of the high value of the potato we need scarcely speak. Suffice it to say, 2 pounds of raw potatoes afford as much nourishment as 1 pound of good hay. Yet, I believe better results invariably follow a judicious variation of food to man and beast as well as to land. Five pounds of carrots and six pounds of oats are considered equivalent to ten pounds of oats. The average cost of raising carrots in the old way may be reckoned at 15 cents per bushel. 1,800 bushels of mangolds have been raised per acre at a cost of 7½ cents per bushel, of which, according to experiment, 400 pounds were equivalent to 100 pounds of hay. Allowing 60 pounds to the bushel, the crop produced was equal in nutritive value to 12 tuns of hay. To grow its equivalent in hay on an acre would of course be impossible. Take one more very familiar illustration: An ordinary crop of winter cabbage, planted three feet apart each way, an acre will yield 4,785 heads, which, at the retail price, now selling at 15 cents per head, would be $717 75, and even at 10 cents per head, brings $478 50. I propose to show how this crop may be grown with scarcely one tenth the labor usually bestowed upon it. As a necessary connection, therefore, to the important work of cultivating Root-crops, I suggest the use of a more efficient and labor-saving implement than any known to the trade. Every one knows how much better is the preparation of the garden by forking up and raking than by turning with plows and harrowing, and the implement desired now—in the place of the plow—is one that shall *fork, dig,* and *rake* at one operation; stirring the ground to sufficient depths, leaving it as nearly as possible in the condition of a garden bed prepared with a fork and rake. Such an implement I have invented, and propose to introduce. To this small model of it, I respectfully invite the attention of this Club. The essential features aimed at in the Strawberry or Root Culture is to stir the soil without turning any furrow. Efficiency without complication is the golden rule for farm implements. The faults and vices of complication are prominent causes of many and repeated failures. Simplicity is usually economy, especially in agricultural implements. For obvious reasons farmers are not always mechanics, nor is the field a mechanic shop. The delay occasioned by breakage is a serious source of vexation and loss. On surfaces moderately smooth and clear of fast stones and of roots, the only description of soil where it would be sensible to grow roots, I claim new and remarkable excellencies in the working of Root crops—Strawberries, Corn, Cotton, Tobacco and Hops—for "Day's Improved Cultivator and Horse Hoe." The small models exhibited were examined by various members of the Club, and the principle on which they work was approved. When actual working models are built, a committee will be appointed to make full trial of Mr. Day's improvements.

THE SEASON OF 1868 IN ENGLAND.

The year 1868 is replete with events of no ordinary character, whether we look at the moral, social or political features by which it has been distinguished. But even further, the past year has been an extraordinary one. The summer was remarkable for a degree of drought and heat such as have seldom been experienced in this country, and which has had a marked and varied influence on agriculture. The wheat crops alone have experienced but partial injury from the season, and that on the lighter lands. On the heavy and mixed soils, well cultivated and drained, the crop is an average one. But the spring corn of all kinds, the hay and root crops of ever description have suffered severely, and the prices, especially of barley, have risen beyond all comparison, relatively with wheat as the standard. In fact, taking weight for weight, the price of barley is some shillings higher than that of red wheat, and it is still advancing. It was fortunate for the farmers that the hay crop of the previous summer was exceptionally heavy, many having stacked enough for two years, the excess coming well in aid of the deficiency of the present year. But such has been the want of fodder in numberless instances that the stock have been kept alive only by the hay left over, there being little or no grass in the pastures. The root crops, especially turnips, have with few exceptions, suffered severely. On the light lands the first, and in some cases the second and even the third, sowing of turnip seed did not come until the rain fell after harvest, when the seed vegetated, and, favored by the openness of the autumn up to the present time, the roots have made considerable progress, so as to yield food for sheep and young cattle. Still, the loss of the turnip and mangold for fattening purposes will be severely felt by the farmers and graziers, and will compel them to purchase largely of artificial food, which must considerably enhance the price of meat as the season advances. The price of wheat which at the commencement of the season was high, has gradually given way, but is now considered to have reached its minimum, and the market will probably experience a reaction as soon as the supplies fall off, which will be the case, both with foreign and English grain, until the frost breaks up in the wheat exporting countries. On the whole, the year has been one of varied success with the farmer, and will be long remembered for the almost unparalleled series of dry and warm weather in our usually temperate climate.—*Mark Lane Express, Dec.* 28.

AMERICAN POMOLOGICAL SOCIETY.

The committee and officers of this association convened at the Astor House in New York last week for the purpose of carefully revising the Catalogue of Fruits preparatory to its next regular session, to be held in Philadelphia on the 15th of September. The following gentlemen were present: From Massachusetts, Hon. Marshall P. Wilder, President, C. M. Hovey, J. F. C. Hyde and Robert Manning; from New York, Chas. Downing, P. Barry, George Ellwanger and H. B. Parsons; from New Jersey, Dr. I. P. Trimble, State Entomologist, William Parry and P. T. Quinn; from Pennsylvania, Thomas Meehan of the Gardeners' Monthly, Rev. J. Knox, Josiah Hoopes, H. B. Bockstoce and Mr. Hersteine; from Ohio, F. R. Elliott; and William Saunders and John Saul from Washington.

The President called the meeting to order at 10 A. M. on Wednesday and spoke briefly. He remarked that this was the first National Pomological Society ever formed in the world, and that the example had been followed by England, France, Belgium and other European nations, and that these institutions had exerted an immense influence over their various localities. The American Pomological Society now spreads its banner over the whole of the United States and Canadas, and embodies in its members an amount of scientific and practical information rarely to be met with in any similar association.

The session was occupied in the examination of fruits and communications and in the comparison of ideas and experiences. The conclusions arrived at will be submitted to the Society in Philadelphia, together with such information as may be obtained in relation to the reconstruction of the Catalogue for the Southern States, which reconstruction was suspended by the outbreak of the war.—*Country Gentleman.*

A LIBERAL GIFT.—Mr. Josiah Stickney of Boston, has given to the Massachusetts Horticultural Society $12,000, the income of which is to be employed in increasing the society's library for 30 years, and at the end thereof to be paid over to Harvard College in aid of the Lawrence Scientific School, or to support partially a professor of botany, or for some kindred purpose.

ADVICE TO BEGINNERS IN FRUIT CULTURE

BY A. S. FULLER.

I am in constant receipt of letters asking advice in regard to fruit culture. These requests come mainly from young men who wish to engage in the business, but who have little or no capital to begin with. Many of them appear to think that to secure a fortune it is only necessary to secure a piece of land and plant it with fruit trees or bushes. But, as this is a very erroneous view of the subject, I take this opportunity to point out some of the difficulties which every successful fruit grower has had to overcome before he has been able to make the business pay a profit upon the investment.

The first thing to be decided, after procuring the land upon which to grow the fruit, is what varieties are best adapted to the location and soil. We all have our preferences in regard to kinds; and we may desire to cultivate none but the very best in quality, or those of large size. But in fruit culture climate and soil are very often all powerful; and we are compelled to grow what we can and not what we most desire. It is just here that we find the great stumbling block of pomology.—Hundreds of men have gone into fruit culture with more enthusiasm than wisdom. Consequently, they had no time to seek advice, nor to consider whether certain varieties or species were adapted to their location or not; but they planted largely of everything that was known to be good. Now, is it any wonder that such men fail in making fruit culture a profitable business? They certainly would not succeed in any other employment if they were to adopt a similar system. It is quite probable that the principal reason why beginners in fruit culture make so many blunders is that they start out with the idea that it requires but very ordinary skill to accomplish the greatest feats ever performed in horticultural science; the acorn becomes an oak without the aid of man; the wild grapevine climbs the tall tree, and this produces fruit, although never pruned or cultivated. Then, why should we talk so much about the science and practice of horticulture, when it all is so very natural? Almost every novice in fruit culture takes this view of the subject; and I regret to say that there are a few men having some experience who do much toward leading beginners into the same path by recommending little or no cultivation, forgetting that nature has one aim in producing her fruits, and mankind, usually, quite another.—Now, my advice on this point is, never think of planting anything that is not worthy of the best care. But the question may be asked, how is one to know what kinds are worth cultivation until they have been tried? Of course, it is only by experience that we determine the value of the different varieties. Still it is not necessary for every man to make separate experiments for the purpose of deciding upon the value of particular kinds of fruits; for, if it were so, then we would make very slow progress.

A man who is about engaging in fruit culture should read a few of the best works to be found on the subject. This will give him a general idea of the business. He should then make up his mind as to what one or more families of plants he will cultivate. But, before this decision is made, it is well to know whether his soil or location is well adapted to the cultivation of these kinds; for it must not be forgotten that one section of the country, without any regard to soil, is often better suitted to certain kinds of fruit than another. In the older States a man need not go astray; for the experience of our older horticulturist is a pretty safe guide. For instance, if a young man has made up his mind to make grapes a specialty, he should then visit some of the most successful grape regions of the country, and examine the soil, location, varieties, and the mode of culture; and then judge for himself whether his own location or soil is a favorable one or otherwise. If he be desirious of growing the different kinds of small fruit, let him adopt the same plan, visiting the nearest fruit grower, and learn from him which are the most profitable varieties.

There may be men who will recommend certain varieties, because they have plants of the same to dispose of; therefore, I would say, go and see the plants when in fruit, and satisfy yourself as to their value, before purchasing. A man had better travel a thousand miles, if by doing so he can decide as to the value of a fruit which he desires to cultivate extensively.

There is another point worthy of some consideration, which is, whether it is best to cultivate several varieties or only the best one. It is an old adage that, if a man has several irons in the fire, some of them are likely to burn. But, if we have only one iron, and that burns, our occupation is gone. I believe it better to make a specialty of certain kinds; but not to trust all upon one. If we grow nothing but pears, and a late spring frost kills the flowers, our income, for that season, is gone; but the expense of cultivation is the same, whether the trees produce fruit or not. It is just the same with other kinds of fruit. But it is seldom that all fail in any one season. I have known strawberries to be entirely destroyed, while raspberries and blackberries were uninjured. This season blackberries are exceedingly scarce, but strawberries were abundant. Consequently, the man who has both is on the safe side.

In cultivating the small fruits, I believe it to be the best policy to make the division about equal between the strawberry, raspberry and blackberry, as a general rule.

Early strawberries are sometimes killed by late spring frosts. Therefore, one should have at least one early and one late variety. When the strawberry is past, the black raspberry should succeed it. This is always a safe crop, and as a general thing always pays a handsome profit. There are also early and late varieties of this berry; but the grower must decide for himself which one is most desirable, for markets differ. In some instances they are in greater demand at one time than another. The red raspberry and blackberry follow close upon the former, thus giving a succession for nearly or quite three months. Now, the same boxes, baskets and crates used for one of these berries may be used for all; and, by growing several kinds, we are enabled to keep the capital invested in the marketing apparatus constantly employed for several months, instead of a few days, as would be the case if only one kind were cultivated.

Besides the above named advantages, a less number of hands are required to take care of a certain number of acres when occupied with several varieties than when but one is grown. It will require the same number of days' work in the season, but distributed over a longer period of time. A man may be able to obtain ten hands at one time, but not twenty; and it is well for a fruit grower never to place his property at the pleasure or mercy of hired help. I have always observed that the man who so arranged his plans that he was sure of a steady income was far more likely to get rich than the one who was on the lookout for large sums at one time; and this is the principal reason why I advise beginners in fruit culture to grow a few of the best known varieties and cultivate them well.

THE NUTRIMENT OF BEER.—People who drink their beer and ale are very fond of telling how much nutriment they derive from them. Because they are manufactured from grain, many have the idea that the concentrated virtues of the grain are in the drinks. This is an entire fallacy. Prof. Liebig, one of the most eminent chemists in the world, assures us that 1,460 quarts of the best Bavarian beer contain exactly the nourishment of a two-and-a-half pound loaf of bread. This beer is very similar to the famous English Allsopp's and our more popular American beer. The fact is, the nutritious portion of the grain is rotted out before the beer can be made; and if the fermentation of the beer has been complete, Prof. Lyon Playfair declares that no nourishment whatever remains in the fermented liquor; and, as the English Alliance News says, "No chemist now disputes this assertion; for, except to flavor and amount of alcohol, the chemical composition of all kinds of beer is alike, and brewers must laugh to hear doctors advising porter as more nourishing than beer, when porter is nothing but beer colored by burnt malt, and often when beer goes wrong in making and is unsaleable beer, it is converted into fine porter, the mere color covering many defects."—*Journal of Chemistry.*

LASSOEING A LOCOMOTIVE.—The Sacramento *Reporter* says it is currently reported that a new tribe of Indians has been discovered near Independence, on the line of the Central Pacific, who would not seem to be as well posted in regard to railroad matters as their redskin brethren of the plains. The other day a locomotive having passed by, to their bewilderment, they resolved to lay in wait or pursue and lariat the monster. Accordingly they made a very strong lariat, and perceiving the mystery approaching, stretched it across the track, either end being held firmly by 20 or 30 of the would-be captors. The engine came thundering along, the lariat was struck just below the head light, and it is said the Indians exhibited greater feats of ground and lofty tumbling than were ever seen in a first class circus.

WORK ON THE WESTERN PACIFIC RAILROAD.—Seven hundred graders are at work at various points between Stockton and Livermore Pass, the bulk of them being near the latter place, where the heavy work extends for about eight miles. The tunnel is to be 170 feet below the surface of the summit, and 1,400 feet long. It is in 75 feet at each end, and will be finished, it is expected, by the middle of July.—*Watsonville Pajaronian.*

—It appears that no less than 139 new journals were started in Paris in the course of the past year, but only two have survived the year. This is remarkable, but is in some measure followed all over the civilized world where the population warrant it. There is as much money lost perhaps in these enterprises as in any others.

Agriculture.

WORK A BLESSING.

Many young people who have wealthy parents have no ambition for themselves, beyond a butterfly existence. They affect ignorance or contempt of the blessings of a life of labor. They scorn a trade and slight a profession, and think agriculture fit for boors. Some one has well said, "a man that is too well born for a trade is very well born for the gallows!" The best safeguard against the many temptations which assail our youth of both sexes is a well defined, systematic habit of industry, according to circumstances, tastes and duty.

There are *some* parents who encourage their children in idleness, by rearing them with a contempt for all useful occupation. If parents are so well off that they do not require assistance from their children, either in the house or elsewhere, they can at least teach them how to use well and beneficently the wealth which has been acquired for them.

A gentleman of means and positon, of the writer's acquaintance, has two children, a son and daughter, grown to man and womanhood, well educated and of good abilities. Possessed of the natural restless activity of youth, and of some mental calibre, they desire to take some useful part in life's arena. So they have tried to persuade the father to permit the son to go into merchandise and the daughter to instruct a few pupils in music or accept a situation as teacher in an academy. But no! they must stay at home and be supported as befits their means and position! As a consequence, the young man falls into dissipation and disgrace, and is only rescued by the timely efforts of the Young Men's Christian Association, vigorously made in his behalf. He at last breaks away from home with his father's displeasure, and without means, to prove at last "work a blessing." God speed the right! The daughter, cut off from that active and useful life which her healthy nature craved, sank into supineness and a morbidly low-spirited state; thus quenching powers of usefulness and enjoyment in the turbid waters of indolence and uselessness.

Parents! if there is one underlying principle, more important than another, to be taught your children as they stand upon the threshold of life, it is this: "*Man is born to work.*" Seek to disprove this, and you cut off the motive power to duty and self-reliance, and give the baser instincts of the soul mad license. You have in your children, instead of the beautiful, well-formed tree of many branches, rich with foliage and succulent juices and bearing much fruit, naught but a leafless trunk, scarred and blackened and blasted, which men refuse, even to burn.

One deeply versed in human nature's needs says, "The baptism of work is a baptism of blessing!" Believe it, oh weary toiler and keep heart.

"Not many lives have we,
But only one;
How sacred should that one life ever be!
Day after day filled up with blessed toil,
Hour after hour bringing in new spoil!"
—*Day Book.*

HONEY PRODUCT.

The amount of honey shipped to the New York market by one firm, (Little Falls line,) amounts to 90 121 pounds the past season. A small section of the Mohawk Valley—thirty miles in length by an average of about fifteen in breadth—furnished it all. This weight includes the packages in which it was sent; at least 60,000 pounds were in glass boxes—the balance strained honey and packages. This is but a small part of what might have been collected on the same area, had there been bees enough properly managed; yet there is enough to encourage increased effort, however, to collect a greater portion of what is wasted. Our State contains 47,000 square miles. This will divide into about one hundred squares of 15 by 30. If each square produced no more than 60,000 pounds, it would make 6,000,000 pounds, worth, at prices for the last few years, some $2,000,000—an item worth looking after by the farmers of New York. What this section has done, other sections can do—not that this section has done its best, but it is an encouraging beginning. One-third of this amount was collected on a square of about six miles.

Six millions of pounds wasted, neglected, benefiting no one! What steps can be taken to save it? What have our Farmers' Clubs and Agricultural Societies done towards it? Bee-keepers might at least do something; get up a club, an association; divide the State into sections 6 by 10 or 20 miles square, and each bee-keeper contribute a premium fund for the section producing most honey, or something like it. Save some of the money thrown away on patent hives, and get an education in bee culture. Who will move in this matte?

M. QUINBY.

A MODEL FARM.—We improved the occasion a recent trip to Chico, to visit the farm of Harmon Bay, Esq. He has about a section of land, laid off in appropriate fields, and all in a high state of cultivation. His farm buildings are neat, substantial, and appropriate, just enough of them, and well located and arranged. He has some fine blooded stock on his ranch, and is surrounding himself with everything that can contribute to the comfort and convenience of the independent farmer. His is a model farm, and worthy the attention of those who appreciate good taste and thrift.—*Butte Record.*

PRESERVING TIMBER.

The chief cause of the decay of timber lies in the fermentation or decomposition of the albuminous matter contained therein. This matter may be neutralized by chemical agencies, as by the well known processes of Burnetizing, Creosoting, etc., or it may be coagulated and destroyed by heat, which also hardens the wood. The charring plan is, however, for obvious reasons inapplicable for general use. The albumen may also be expelled or nullified by thoroughly steaming the wood.

Says the "American Artisan": Where time can be allowed therefor, it will be found quite efficacious, and more economical, to saw the timber to sizes but little larger than those to which it is to be wrought, and then place it, for a few weeks or months, in a stream or pond, where the water will gradually dissolve and wash away the nitrogenized or albuminous substances. The wood must then be thoroughly dried, slowly, as a too speedy expulsion of the moisture would be apt to induce checking; the ordinary method of piling the stuff is, however, sufficient, the pieces of timber being kept at slight distances from each by sufficient intervening strips, and the whole, when possible, protected from the sun and from strong currents of air. Inasmuch as the moisture will pass off less readily as the pores at the surface of the wood become closed by drying, it is well to complete the seasoning system by a process of kiln-drying, which at this stage will not check the timber.

The method of creosoting timber, which was lately invented by Professor Seeley, of New York, consists of subjecting the wood to be saturated to a temperature of about 230°, while in a bath of creosote oil, for a sufficient time to expel all the moisture, and to coagulate the albuminous matters of the wood. When the pores are thus freed from the water, and contain only steam, a cold bath is substituted, so far as to reduce the temperature from 230° to 65° or 70°, by means of which change the steam in the pores of the wood is condensed, and a vacuum formed, into which the oil is forced by an atmospheric pressure.

The process, says the "Detroit Post," has all the advantages of the method which has been in use in England and on the Continent for many years (and experience has demonstrated that creosoted timber is still sound after being in use more than 22 years,) and is much more simple in its application, and consequently more economical and expeditious than the English process.

Among the advantages claimed is the very important one that green wood can be treated as successfully as dry. The apparatus for creosoting, which has already been shipped to the Flats, and is now being erected on the dikes of the canal, was built in this city, and consists of a cylinder 45 feet long and 8 feet in diameter, with a steam coil in the bottom and a movable head. The cylinder rests upon substantial timbers, and when the head is removed the lumber is run into the tank upon trucks. In addition, there are 2 receiving tanks for oil, each 15 feet in diameter and 6 feet high, with engine and boiler, connecting pipe, pumps, etc.

It is expected that this process will be applied to the timber to be used in the government works about to be begun at Toledo. Mr. Pelton has also similar works now in successful operation at Chicago for treating railroad ties and dock timber.

The Chicago, Burlington, and Quincy Railroad Company are preserving all their sleepers. They have at the Aurora shops a tank of boiler iron 10 feet square and 7 feet deep. This is filled with ties and closed with a tight cover, when carbolic acid sufficient to cover them is let in, and raised to a temperature of 245° by the application of steam. Here the ties remain for 30 hours, at the close of which they are thoroughly permeated with the carbolic acid and become as black as charcoal.

As to the duration of creosoted sleepers, the "Railroad News" says: According to experiments and accurate records kept in Germany, sleepers of uncreosoted or natural oak last, upon the average, 15 years. By creosoting or impregnating them with other preserving substances, they endure for upwards of 22 years. From the same authority we learn that creosoted fir sleepers have a duration of about 13 years, while pine and beech will not last longer than 9. The lighter description of traffic prevailing over the German lines, which have furnished the above results, is the real cause of the sleepers lasting so long. It is needless to remark that upon our heavily worked railways they do not enjoy so long a life, but succumb, in the majority of instances, to wear and tear in about half the time, and in many instances much sooner.—*Van Nostrand's Eng. Magazine.*

LIQUID MANURE.—In every one hundred pounds of cow's urine there are sixty-five pounds of water, five pounds of urea, five pounds of phosphate of lime, twelve pounds of sal ammoniac and muriate of potash and ammonia—while the solid excrements obtained from one cow are estimated to manure three times the amount. Our dairy farmers will see, therefore, how important it is to have tanks connected with their stables, in which to deposit this material, or a good supply of sawdust, dry earth, or muck for absorbing it in the gutters of the stable. Urine is more efficient on light soils than on clay lands and strong loams; on the latter much of its carbonate of ammonia is evolved before it can penetrate into them.—*Utica Herald.*

AN EXCELLENT HORSE LINIMENT.—Take 1 pint Alcohol, ½ ounce Castile Soap, ½ ounce Gum Camphor, ½ ounce of Sal Amoniac. When these are dissolved, add 2 ounces of Laudanum, 1 ounce origanum, ½ ounces oil Sassafras, and 2 ounces Spirits of Hartshorn. Bathe freely. Excellent for strains, bruises, sprains, and windgalls.

—An exchange says that a fellow in that locality is riding a hog through the streets, as a preparatory practice to managing a velocipede.

GENERAL PURPOSE HORSES.

In the excellent survey of the Agriculture of Delaware County, Ohio, by Judge Jones, to which we have already more than once referred, there are some very good remarks upon the sort of Horse in most demand among our farmers. (By the way, to what the Judge says of *mules*, we take exception—we have seen many that were neither "forlorn and miserable in aspect," nor so far as we could ascertain, "eccentric" in disposition and character.) Breeding horses for *weight* alone, is proceeding on quite the wrong standard—"we want a horse that will answer to ride, or drive in a buggy, as well as to do the plowing and other farm work," a horse capable of doing more work in a day, and at less expense because with less feed, and at the same time "with good action, carriage and endurance." Excellent animals of Percheron descent have been owned in Ohio, but Mr. Jones thinks the best is to be had "by breeding a thorough-bred horse to a stout, compact mare of the common sort, or one that is half or quarter blood French." The thorough-bred stallions and mares taken to Ohio thirty or forty years ago have left a record strongly in support of this opinion, as indeed is the case in this and other States—leaving "very superior stock, and, as is generally the case with good breeding animals, a better reputation after they were dead and gone, than when they were alive and their services obtainable."

And this brings up, incidentally, the much mooted question of "the trials of speed," now so much in vogue, and in regard to which we are urged by members and managers of agricultural societies to remonstrate against the current fashion of the day, much more frequently than we have time and space to renew the subject. In discontinuing the horse-racing of an earlier day on account of the gambling practices which rendered it objectionable, we have, after its abandonment but a little while, rushed into another kind of excitement, "in every respect as demoralizing, and with none of the benefits of the old races in testing the merits of our horses." The bottom, endurance, courage, strength, of the animal were fairly on trial in the long heats of the running race, while, to a great extent at least, Mr. Jones is undoubtedly correct in saying that trotting short distances at high rates of speed, is the artificial result of training, depending not upon form or breed, not requiring excellence of structure in bone or muscle. The trotter that will carry off the purse in mile heats, not only may be quite inferior for common service, but in fact is so, in the majority of cases, while "to trot twenty or thirty miles at a high rate of speed," (which involves just the characteristics we require in what we call a general purpose horse,) "requires such conformation as will produce true and easy action, solid compact bones and sinews, with spirit and courage—in a word *blood*, the blood of the English race-horse."

There are many purposes for which we may advantageously devote more attention to a class of regular draught horses, either of English or French descent, and we should be glad, as we have often said, if they could receive a greater share of attention. For greater activity as workers and roadsters, for thorough-going life and bottom, we must go for improvement to the blood horse, while horses that are bred and trained merely for jockeying and gambling, to use an expressive Southern phrase, are of "no account," unless it is to bet on.—*Country Gentleman.*

HENS FOR FAMILY USE.

The *Journal of Agriculture* says: "The most successful way to keep a few hens for family use is to keep a few Brahmas for winter laying, and a few of the Black Spanish, or some other good laying kind, for summer, as many of each as are necessary for the season. Keep an old mother Brahma to do the breeding. The Brahma is eminently domestic, like the Arabian horse; and, like him in pedigree, is no doubt accustomed to the house, a member of the family. Keep a rooster of each kind and keep the hens separate. The Brahmas will bear close quarters, and it matters not if they are pretty old—it will not seriously affect their laying. You will say, for a few hens it will not do to keep two roosters. But this is not so. Hens do better with a mate of their kind, and the stateliness and beauty of the black cock are certainly worth their cost, for a finer and handsomer fowl is not to be found on the dunghill. Either of the two breeds will do better for the table, though the Asiatic is probably the best So their eggs are of the largest kind, and are the rich, well flavored eggs. We do not like this mixing of breeds, and this bothering about hatching. Keep the non-setters for summer, and orientals for winter. Treat well, without any special formula. Give enough to eat and drink, regularly, dust of some kind for egg shells and to wallow in, and plenty of light; a hen loves the light, and will do better where it is warm. Dispose of your pullets at a year old.—They will then have laid, if they have been properly (generously) brought up, six months. It seems natural for them, at least for many, to rest then. Then the flesh is good. Thus keep your stock young and vigorous, which you will do if you have a relish for the thing. If you have not the relish, do not trouble yourself with hens.

TAPPAHANNOCK WHEAT.

Anglaize County, Ohio.—I had from the Department three years ago a quart of Tappahannock wheat which had increased in 1868 to seven bushels in two seasons. It is the finest and earliest variety we have ever had in this section. The farmer who sowed it thinks he will have over 100 bushels for sale next season. He was offered $4 per bushel for it last fall.

Georgetown, S. C.—The Tappahannock and Mediterranean wheat sent me last year failed entirely from rust.

[This was not the result of the character of *the* wheat, but the nature of the soil where it was planted, being two wet.—ED. FARMER.]

Miscellaneous.

TRUE'S IMPROVED POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

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HARDWARE & CUTLERY,
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Also, Manufacturers and Proprietors of the
GERRISH
Submerged and Double Acting
FORCE PUMPS,
Patented by J. A. Morrell, October 29th, 1867.
THE CHEAPEST, SIMPLES, AND MOST DURABLE PUMP IN THE WORLD.
Agents wanted for this Coast
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THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

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None but Educated men ever engaged in such work.

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New Advertisements.

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WATCHES

The extensive use of these watches for [illegible] years by Railway Conductors, Engineers, and men, the most exacting of watch wearers, [illegible]ly demonstrated the

STRENGTH, STEADINESS, DURABILITY, ACCURACY

of the Waltham Watch. To satisfy this [illegible] these respects, is to decide the question as [illegible] value of these time keepers.

MORE THAN 400,000

of these watches are now speaking for themselves in the pockets of the people—a proof and a [illegible] their superiority over all others.

THE SUPERIOR ORGANIZATION

and great extent of the Company's Works [illegible] enable them to produce watches at a price [illegible]ders competition futile, and those who buy a watch, merely pay from 25 to 50 per cent [illegible] watches than is necessary.

WE ARE NOW SELLING

Waltham Watches at less prices in gold [illegible] the gold prices before the war. There is no [illegible]ufacture of any kind in the United States [illegible] can be said.

THESE TIME PIECES

combine every improvement that a long [illegible] proved of real practical use. Having had [illegible] of nearly every invention in watchmaking [illegible] in this country, or in Europe, only those [illegible] adopted with severe testing by the most skilful [illegible] in our works, and long use on the part of [illegible] demonstrated to be essential to correct [illegible] timekeeping.

Among the many improvements we would [illegible]ize:

The invention and use of a

CENTRE PINION,

of peculiar construction, to prevent damage [illegible] by the breakage of main springs, is only [illegible] American Watch Company, who having [illegible] of all other contrivances, adopted Fogg's [illegible] as being the best and faultless.

Hardened and Tempered Hair-Springs

now universally admitted by Watchmakers [illegible] best, are used in all grades of Waltham [illegible]

ALL WALTHAM WATCHES

have dust proof caps protecting the [illegible] dust and lessening the necessity of frequent [illegible] necessary in other watches.

OUR NEW PATENT STEM WIND

or keyless watch, is already a decided [illegible] great improvement on any stem-winding [illegible] American Market, and by far the cheapest [illegible] quality now offered to the public.

TO CALIFORNIANS

and others living in portions of the Union [illegible] watchmakers do not abound, watches [illegible] mentioned improvements which tend to [illegible] cleanliness, durability and convenience, [illegible] valuable.

Every watch bearing the trade mark [illegible] Waltham is guaranteed to be a [illegible] reliable time-keeper,

To prevent imposition, buyers should [illegible] mand a certificate of genuineness.

The trade supplied by Messrs. E. E. [illegible] San Francisco, Cal., and generally for sale [illegible] all respectable dealers.

For other facts and information, address
ROBBINS & APPLETON, [illegible]
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CAUTION

A WISE LAW OF THE STATE OF [illegible]NIA PROVIDES THAT A LIFE [illegible] POLICY ISSUED BY A COMPANY [illegible] under its laws SHALL BE EXEMPT [illegible] EXECUTION, PROVIDED THE [illegible] DOES NOT EXCEED $500 PER YEAR [illegible] WHO CONTEMPLATE INSURING [illegible] CAUTIOUS TO INSURE ONLY IN [illegible] incorporated under the laws of [illegible] SUCH A COMPANY IS THE

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EARLY GOODRICH POTATO

Important to Market Gardeners and Agricultural Public.

The Undersigned, having growing [illegible] above Potato for two seasons, have no hesitancy in pronouncing it far superior to any other [illegible] coast, for an early Potato, and now offer [illegible] is very early (from three to four weeks [illegible] other) good size, white skin, smooth eyes, [illegible] superior table quality, and very productive.

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Fruit and Ornamental Trees

GRAPE VINES, ETC., FOR FALL [illegible]

We offer for Fall planting a Stock of Fruit [illegible] Trees, Grape Vines, Etc., which for [illegible] and beauty of growth has never been surpassed. Full particulars given in the catalogue now issued, sent prepaid on receipt of 10 cents [illegible] 2 and 3—No. 4 free. No. 1, Descriptive Catalogue; No. 2, Ornamental Trees. No. 3, Grape Vines. No. 4, Wholesale List.

ELLWANGER & BARRY
Mt. Hope Nurseries, [illegible]
30-8

Horticulture.

NEW VARIETIES OF FRUITS.

The tendency is more or less common with all plants, when successively produced from seed, to depart from the character first stamped upon them. These departures give rise to new varieties. In their native forests, many trees and plants do not exhibit these changes, either because they are slight and obscure, or in consequence of the inflexible nature of the species. With others, varieties are conspicuous examples of which may be seen in the White Spruce, a part of the trees presenting rigid, erect branches, in contrast with the drooping aspect of others; in the American Elm, the branches, in rare instances, being as pendant as the weeping willow; in the more brilliant glow of red flowers on some trees of the Red Maple; and in the diversity of size, form, and flavor of the wild plum of the woods.

This tendency to vary is increased as plants are removed from their native localities; and in an eminent degree by cultivation. Planted in gardens, and subjected to high culture, repeated and successive sowings often develope striking changes from the appearances which for previous centuries had remained unchanged. By a constant selection of seeds from the best, a gradual improvement on the original is effected. Most of our finest fruits, doubtless owe their existence to this improving process."

"If," says Downing, "we sow a quantity of seed in garden soil, of the common black mazzard cherry, we shall find that, in the leaves and habit of growth, many of the seedlings do not entirely resemble the original. When they come into bearing, it is probable we shall also find as great a diversity in the size, color, and flavor of the fruit, though only a few, perhaps only one, may be superior to the original species.

Exactly in proportion as this reproduction is frequently repeated, is the change to a great variety of forms, or new sorts, increased. It is likely, indeed, that to gather the seeds from the wild mazzard of the woods, the instances of departure from the form of the original species would be very few; while if gathered from a garden tree, itself sometime cultivated, or several removes from a wild state, though still a mazzard, the seedlings will show great variety of character.

Once in the possession of a *variety* which has *moved out* of the natural into a more domesticated form, we have in our hands the best material for the improving process. The fixed original habit of the species is broken in upon, and this variety which we have created, has always afterwards some tendency to make further departures from the original form. It is true that all or most of its seedlings will still retain a likeness to the parent, but a few will differ in some respects, and it is by seizing upon those which show symptoms of variation, that the improver of vegetable races builds his hopes."

While a few of the seedlings from such improved variety, may become still further improved, a far greater number will probably approach towards the original or wild state. The more highly improved the fruit, the greater the difficulty to find one of its progeny which shall excel or equal the parent. In ten thousand seedlings from those highly flavored apples, the Swaar and Esopus Spitzenburgh, it may be quite doubtful if any shall equal in quality those fruits themselves, while most may fall considerably below them.

The improvements effected in former ages were doubtless the result of accident, as the ancients were ignorant of the means for their systematic accomplishment. The greatest progress in the art made in modern times, was effected by Van Mons in Belgium, and Knight in England.

Van Mons, who directed his labors chiefly to the pear, produced many new and excellent varieties, by a constant and successive selection of the best seedlings. He first made a large collection of natural stocks, or wild pears, choosing those which from the appearance of the wood and leaf, he had reason to believe, would be most likely to produce the best fruit. As soon as the first of these bore, he selected the best, and planted the seeds. Selections were again made, from the first of these, and so on in continued succession; the best and soonest in bearing were uniformly chosen. He thus obtained fruit from the eighth generation; each successive experiment yielding an improved result on the preceding. At the fourth generation many of the fruits were good, several excellent, but a smaller number still bad. He had, in the early part of this series of experiments, no less than eighty thousand trees; hence in selecting from so large a number, his chance for fine sorts was far greater than from a small collection; and hence too the reason why, after seven or eight improving generations, he had obtained so many good varieties. In the early stages of his operations, he found "that twelve or fifteen years was the mean term of time, from the moment of planting the first seed of an ancient variety of the domestic pear, to the first fruitification of the trees which sprung from them. The trees from the second sowing, yielded their first fruit at an age of from ten to twelve years; those of the third generation, at an age of from eight to ten years; those of the fourth generation, at an age of from six to eight; and those of the fifth generation at the age of six years. Van Mons, being actually at the eighth generation, has informed me that he has obtained several pear trees which *fruited at the age of four years*."† When his seedlings were at the age of three or four years, he was able to judge of their appearances, though they had not as yet borne; such only were taken for further trial, as exhibited the strongest probability of excellence. It is hardly necessary to remark that in all these trials, the young trees were kept in the highest state of cultivation.

Van Mons maintained that by selecting and planting the seeds of the first crop on the young tree, the product would be less liable to run back to the original variety, than where the seeds were taken from the fruit of an old bearing or grafted tree; and to this practice he chiefly ascribed his success. The many instances, however, of fine seedlings from old grafted sorts, throw a shade of doubt over this theory.

* The distinction between *species* and *varieties* should be well understood. A single species, or original, distinct, individual plant, often includes many varieties. All the varieties of one species, are from the same original plant; the thousands which have been named of the single species, the apple, are but a small portion of the myriads which have been actually produced. Successive plantings have given us sorts as different in size as the Monstrous Pippin and the minute Lady Apple; or as remote in flavor as the harsh and astringent Hewes Crab, and the rich and heeled Bough. But widely different as these may be, they can never pass the boundary of the species—an apple can never be changed to a pear, a cherry to a plum, nor a gooseberry to a currant.

† Poiteau.

13 FIRST PREMIUMS.

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will open in New York City about the first of November next, and will have the exclusive agency of our

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in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

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and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

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CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

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To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Orchards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

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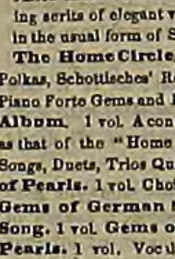
31-1

HALL'S PATENT FOR PRESERVING EGGS.

We have refrained hitherto, from saying much upon this subject, until we had the opportunity of demonstrating the claims of the patent for ourselves. We have accordingly, put up a few eggs, to test the matter, and have them now, as put up months ago. We invite parties, to call and see these eggs, and examine for themselves. They possess the whiteness, clearness and freshness of the newly laid egg, and they frost, as a new egg, which cannot be said of any preserved egg we know of.

The cheapness and the saving of time, over every other process, may be considered in its favor. The parties in New York, are making arrangements to secure the Patent in all Europe, and it runs yet, 16 years in the United States. Cost of putting up a barrel—less than 50 cents, and the time, does not exceed 10 minutes. Rights for sale by Warren & Co. Farmer Office, San Francisco.

C. GROEZINGER,



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These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer Office.*

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

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ONE HALF OF THE VINEYARD

Will be deeded the Leasor for services.

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A farm of three thousand Acres of Grazing Lands,

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Of 260 acres, on the most easonable terms and credit.

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A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

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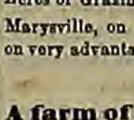

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THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

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Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
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RARE SEEDS,

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EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

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We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

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This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

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THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:
THURSDAY EVENING.....MARCH 25, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, [illegible] Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed **WARREN & CO.,**
California Farmer Office.

A Young Man Wanted!

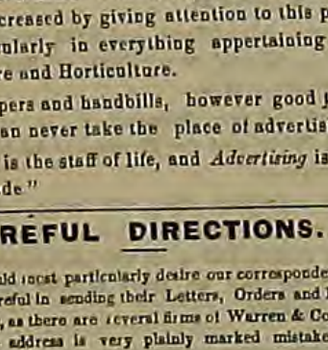
A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.



FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND
SELF-ADJUSTING
SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C. McHALE,
L. ELKUS.

CENTRAL PACIFIC RAILROAD.

On! On!! On!!! is the watchword that echos over the snow capped mountains, as the Cars sweep up and over the lofty glaciers that seperate the Pacific from the Atlantic shores. Ring! Ring!! Ring!!! and as the bell of the Engine announces its *Onward* and *Triumphal* march to the dividing line, the Goal of its ambition and its labors, every sound of the bell sends the musical echos farther and farther, saying, *Coming! Coming!! Coming!!!*

The *Present Week*, the Central Pacific Railroad will have completed its SIX HUNDRED MILES from the City of Sacramento, leaving only a small space of some *fifty miles* between their Cars and "Salt Lake City.

TINKLE, *tinkle!* RING, ring! echo mountain bell,
Every tinkle, every echo, utters "All is Well."
Onward, onward, over mountains, to the East tern Shore,
Shall the Horse with flaming nostrils, rush on ever more;
Through the Forest, o'er the Desert, where the "Fountains play,"
Aye that Desert, Prophets told us, now God's great Highway.
Mountains leveled, Valleys filled up, Roses blooming there,
Marks *this age of Great Progression*, under HIS wise care.

How few of us who are the early Pioneers, ever *dreamed* of what has taken place, or of what will soon take place, when the Pacific Railroad shall bring us so near the old States, and so near Europe. Who among us can possibly realize the *Revolution* that will take place in all that appertains to the *Business Relations* of men here?

It is time people were preparing for this event, for the changes will be many and very great, for *Thousands* and *Tens of Thousands* of people will come to our Shores. *All will come that the Cars can bring*, for we do not believe that the ordinary preparations of the trains will be able to do the business that will be required, nor will the Company be able to bring *half the passengers ready to come.*

Another event will occur for which our people are not yet prepared, we mean THE RESUMPTION OF SPECIE PAYMENTS.

We are satisfied, that as the "Gold of California" was so important in sustaining our Government during the late war, as it was the *saving means* that aided our Government to carry on its mighty operations, and at the same time, fill the vacuum that was made by the drain of some *Fifty Millions Annually* to Europe, so now, on the opening of the GREAT PACIFIC RAILROAD, California with her "Gold and Silver," and with her "Golden Grain," her "Fleeces of Wool," her "New Wines," and her other rich products that shall flow like a river over this Great Highway, will most materially aid our Government in the work of a speedy resumption of Specie Payments. And to this great event, the eyes of all intelligent minds are turning for *something new and wonderful*, and we do not hesitate to *Prophecy*, that, upon the opening of this Highway to the "World of Commerce" that shall flow over it, and to the rapid communication that must flow from it, will indeed be *the* means that shall bring about the result we now name.

This accomplished, and our country marching on in her career of the most wonderful prosperity the world ever saw, our own State must necessarily come in for her portion of this prosperity. Then will be seen the value of this Great Highway, and then due credit will be given to those who have so nobly and so successfully carried on this Grand Enterprize to its Triumphant completion.

Let us all then prepare for this GREAT, GRAND and NOBLE event so near to us, and be ready to "Hail it with Joy."

LOOK TO YOUR GARDENS.

Now again do we invite all who desire to have their *Garden Grounds* prosperous during the Summer, to see that proper attention is given to them at once.

The late very copious rains to a greater or less degree, (just in proportion as the ground had been deeply or lightly cultivated,) will have beaten down the soil and made the surface compact and hard. This surface soil should now be carefully loosened and then finely raked, breaking up every lump of soil and making it fine and maleable.

If the soil *has not* been dug deeply, now is a good time to do this work, as the rains will have prepared the way for it.

Unless this duty is attended to now, before this improperly neglected ground shall dry and bake hard, it will be too late, and the beauty of the summer grounds will be lost. A little labor now, judiciously bestowed, will well repay for the time given to it.

SAINT PATRICK'S DAY.

This notable Day occurred the last week, and was celebrated with considerable show and parade and with a very earnest spirit by all who claim to be followers of Saint Patrick, and true Irishmen.

A military parade quite extensive and imposing; Orations, Poems, with Public Dinners and Grand Balls, gave to the Day quite a Jubelatic appearance.

Although it was quite a stormy day, it only dampened the *outside* of men—their warm hearts were not *chilled*, for their spirits within were merry and happy, and the occasion passed off very happily to all concerned.

THE NEW PUMP.—We call attention to the New Pump advertised in our columns this week by Mess. Whig & Dewey. It seems to promise good things, and the Proprietors promise soon to furnish Illustrations of the same, so as to enable those at a distance to comprehend its excellence at a glance.

BOOKS FOR LIBRARIES.

Why need our friends in the country want for good reading matter when books are so plenty and so cheap; and books too, all fully imbued with the progress and the spirit of the age, and upon every subject that should interest the mind of man.

No person need remain in ignorance upon any subject now. Art, Science, Literature, Religion, History, and of the general and rapid progress the world is making, in all that tends to make mankind better or happier.

Public Libraries are being now established in every city in our land; and our private citizens are making collections of Books and works of Art and taste for their Homes. These all add to the usefulness and they promote the happiness of those who are to come after them and take their places when they shall have passed away.

Good Books in the pathway of the youth of our land are the "Guide Boards" that will lead them on in the pathway of life. If this guide is right, then their road to prosperity and happiness is sure; and upon the Parents and Guardians of the young this *responsibility* will rest, and as "Knowledge is Power," it is to be hoped the right kind of knowledge will be given to the youth of the present day, for upon them will devolve the great responsibility of Guiding and Controlling the destinies of the Pacific Coast. And this Coast is surely destined to have a powerful influence in ruling and controlling the destinies of our country in the future.

Books, therefore, should be given freely to the Young, given as their *daily bread;* but do not *give them a stone, when their young minds ask for Bread.*

The Libraries in our City are large and valuable, and this is to our credit, and our citizens are liberal to make them so. *What we very much want now, is, Libraries in all our Country Towns and Villages.* Books are cheap, and knowledge can be had readily, so that the young though they run, yet they may read; and it is to be hoped that exertions will be made to establish DISTRICT LIBRARIES in every district in our State, so that families who cannot have a library of their own, may have access to *Books* that shall be free as air.

If citizens in the country would act in this matter, Libraries would be established everywhere and the people take an interest in this matter. It would prove the best *Insurance for the Youth* against their going astray that could be devised.

FIVE THOUSAND VOLUMES OF BOOKS of the very best and most interesting kind, are now offered by Mess. A. Roman & Co., at very reasonable prices, for the special purpose of DISTRICT LIBRARIES and FAMILY LIBRARIES, and we sincerely hope that our friends in the country, *our Farmers, our Mechanics*, and families generally will improve this opportunity to secure these valuable aids to Knowledge.

RAINS CONTINUED—CROPS, ETC.

The continuous rains, followed by repeated sunshine, gives to the skies above us a picture of the human face, which is so often changed from doubt and difficulties that affect the mind, to joy and hope when relieved from anxiety; so is it now with our Farmers. *It is all Sunshine* with them now, for the "Blessed Rains" have put all doubt of a glorious Harvest at rest.

From every portion of our State come the *glad tidings* of a certain prosperous season, a season of *Bounteous Crops*. Now let the heart of all that cultivate the earth be full of *Gratitude* to the "Giver of all good," for the year of Plenty now before us.

Never, never before has our State seen so large and so wide extended area of cultivation, nor has the promise been so great, and although the value of the produce may not be so great in value *per pound*, let all remember the amount per acre will be greater, so the *results* will even be better than ever before. In Heaven's name, then, let no lips murmur, for now the "Earth is full of fat things."

WEBSTER BROTHERS, STOCKTON.

Some idea can be formed of the vast extent of the Agricultural wealth and influence of the great SAN JOAQUIN DISTRICT, by the Immense Sales of Agricultural Implements of the Pioneer Agricultural Warehouse of Messrs. Webster Brothers of Stockton.

Some time since, we reported their sales of Gang Plows alone, at over *Eight Hundred*, and over *One Hundred and Fifty* other kinds, making over *One Thousand Plows* this season, of the largest kind.

Messrs. Webster Brothers are determined to keep pace with the progressive spirit of the Farmers in that rich section of the country, and they are now preparing the most extensive collection of HARVESTING IMPLEMENTS ever offered on this Coast, to which they call the special attention of the Farmers, by their *Large Advertisement* in our columns.

If our Farmers will read the several valuable articles in this week's Farmer, they will see the great importance of always procuring the *Very Best Implements*, and these can be found at Webster Brothers' Warehouse.

VELOCIPEDE MANIA.

Bound to have its run, the Velocipede mania is like to every other mania, that for a while *stimulates the public mind*. It is like every other evil. Those who can "turn a penny" by it will "laud it to the skies," but those who can "see the end from the beginning" will only smile at the credulity of those who expect to *make a fortune*, or those who expect the world to make great advances by the new discovery.

Velocipedestrianism is beginning to *run out*, and in a few months, "a year at most," it will be among "the the things that were."

—No man can tell whether he is rich or poor by turning to his ledger. It is the heart that makes a man rich. He is rich or poor according to what he is, and not according to what he has.

The potato is a great absorber of potash. Therefore wood ashes are a good manure for it.

CHANGES WROUGHT IN FRUITS BY EXTERNAL CAUSES.

The importance of attention to the variation in fruit wrought by a change in climate, soil, and cultivation, appears to be much underrated. While the peculiar or essential character of a variety remains unchanged, the quality, or degree of excellence, is variously modified. This is sometimes so great that serious disappointment results; and high expectations, caused by success in one case, are defeated by different circumstances in another. Hence the necessity of understanding these modifying influences.

The changes produced by *climate*, are greater in some classes of fruits than in others. The cherry varies but little in character and quality; the fine varieties originated by Thomas Andrew Knight near London, are also among the finest when removed to the Northern States of America. This may be owing in part to their period of maturity, which, occurring early in summer, could not be influenced by the length of the seasons. But with the apple, pear, and peach, the case is quite otherwise. Very few of the whole British catalogue of apples, are first in quality here. The White Astracan, an apple of high reputation in Russia, becomes very inferior in England; and a similar loss takes place on the removal to England of some of the finest apples of Italy. Some of the best peaches in the neighborhood of Philadelphia, become second or third rate in western New York, the shorter and cooler summers of the latter region not being sufficient to give full flavor to many of the more southern varieties. American peaches taken to England lose still more. Of fifty sorts, from the Middle and Western States, tested at the great Chiswick garden, all but two were pronounced "worthless."

But the influence of seasons alone produce sometimes extraordinary results. In the year 1842, the Wurtemburg pear was regarded in western New York as the finest foreign pear among several which had then just fruited; but the two succeeding seasons it was nearly worthless. The Bezi de la Motte, about one year in seven, in some localities, is a delicious melting pear, and at other times dry and tasteless; in other localities, it is uniformly good. Some striking cases were mentioned by the late Robert Manning of Salem. The Beurré Duval, which has a high reputation in Europe, produced, the first year of bearing, beautiful fruit; but on ripening, they were found tasteless and worthless. The next year the same tree produced fewer pears, half the size, different in shade of color, and delicious in flavor. In another case the Hericart yielded fruit which proved melting and high-flavored. The next year it not only varied in size, shape and color, but was so tasteless as to be immediately rejected. Again, the Calabash pear produced in two seasons, oblong fruit with projecting ridges, the color being bright russett, and the flesh breaking, melting, and very good. The next year the fruit was more abundant, of larger size, of a bright yellow color, without ridges, and the flesh very insipid. But these were unusual cases. They serve to show, however, the extreme caution to be used, both in describing fruit, and deciding upon the merits of new kinds. They also show the propriety of aiming to select such as are little affected by such influences, as the Madeline, Bartlett, and Seckel.

It is this liability to change, and occasionally to become valueless, that has induced *the opinion that varieties are worn out by old age;* but this is disproved by the fact that the same varieties flourish elsewhere with undiminished excellence, and that some of the new sorts, when removed to ungenial localities also exhibit precisely the same symptoms of "running out" and decay.

THE JEALOUSY OF GIRLS.—Girls, too, are awfully jealous of each other. I should call this the girl's distinctive fault. See them when they are introduced, or when they first meet at a ball or croquet-party; see how coldly critical they look at each other, how innocently their eyes rove over every portion of their rival's dress; read in their faces the outspoken scorn as the result of their scrutiny: "You think you have done it very well, but you have made a fright of yourself, and I am much better than you!" Watch their disdain of the more admired among them; and how excessively naughty for attracting so much attention they think that Ada or Amy is about whom the young men cluster. How bold she is!—how overdressed she is!—how affected she is!—and, oh! how ugly she is! Sometimes, if they are deep, they will overpraise her enthusiastically; but the ruse is generally too transparent to deceive any one, and simply counts for what it is—a clever feint that doesn't answer. It is quite a study to watch the way in which girls shake hands together, or take hands in dances. The limp, cool, impatient way in which they just touch palms, then let their arms fall as if paralyzed, tells a volume to those able to read the lettering.

TO REMOVE MILDEW FROM CLOTHES.

Mix soft-soap with powdered starch, half as much salt, and the juice of a lemon; lay it on the part with a brush; lay it on the grass day and night till the stain comes out. Iron stains may be removed by the salt of lemons. Many stains may be removed by dipping the linen in sour buttermilk, and then drying it in a hot sun; wash it in cold water; repeat this three or four times. Stains caused by acids may be removed by tying some pearlash up in the stained part; scrape some soap in cold soft water, and boil the linen till the stain is gone.

There are two periods in the life of man, at which he is too wise to tell woman the exact truth; when he is in love, and when he isn't.

A man telegraphed another for a shipment of beans. He received for a reply, "N. B." (*Nota Bene*)

What word is that composed of five letters from which you take two one remains? Stone.

Editor's Chair,

[Here we shall hold our special weekly [illegible] our Readers and Correspondents, and [illegible] call their attention to such articles in [illegible] our *Journal*, to which we would direct [illegible] attention.]

We welcome our old correspondent [illegible] Bay," who comes to us with the sketch [illegible] ern life in "Jennie Green," which will be [illegible] ed in our next.

We call special attention to the *Del[illegible] American Institute Farmers' Club* as [illegible] very interesting information for all Farm[illegible]

Farmers! Read Seasons in England [illegible]

OVERLAND MAIL.—When the mails shall [illegible] we hope a rich treat to our readers from [illegible] ation from abroad."

Splendid Orchards for sale in the [illegible] worthy the attention of *Capitalists*—[illegible] ment than White Pine.

We have a Box of Samples from the [illegible] Wine Co.," of which we shall speak in [illegible]

We have a small parcel of Seeds from [illegible] partment at Washington. Shall report [illegible] our next in detail.

We have several letters from the [illegible] ceived too late for this issue.

Acknowledgements.

Articles Received at the California Farmer [illegible] Rooms, No. 320 Clay Street.

Books Received.—We have volumes from [illegible] ricultural Department at Washington, [illegible] Commissioner, for which we return thanks.

We acknowledge favors from Hon. [illegible] M. C., for which we are grateful.

The Table Talk and Opinions of Napoleon [illegible] —This little volume contains many sketches [illegible] life and character, and many anecdotes [illegible] fore published. Many single incidents [illegible] each of which contain a truth, the value [illegible] one will more than repay the cost of the [illegible] many times. Reader, go and purchase [illegible] volume.

Ab-Sa Ra-Ka, or Home Among the Indians.—This is a very interesting volume, containing [illegible] experience of an officer's wife on the Plains.

This little volume gives a sketch of [illegible] pleasures during the occupation of the [illegible] to Virginia City, Montana, etc. comprising [illegible] of 1866 and '7, during the period of the [illegible] of the Indians, and gives some glowing [illegible] of a soldier's life, and his perils during [illegible] with the "Red Men." Every family should [illegible] an interesting *historical book*, one that will [illegible] terest the young. The volume contains [illegible] the route, and data of importance.

Roman & Co. have both the above [illegible] sale.

The Life of Schuyler Colfax.—However we may feel politically, any sketch of the Vice-President of our Nation should be of interest, and should be read; for every citizen should become familiar with the life and character of our rulers. This Life of Schuyler Colfax is written by Hon. J. Y. Moore, and dedicated to the Methodist Church by the author. It contains a fine likeness of the Vice-President. The book is indeed a valuable place in the family library.

It is for sale by Roman & Co.

Omnipotence of Loving Kindness.—We would gladly go and purchase such a treasure. The book will prove to its every reader.

Although this book is but the history of a woman's efforts to reclaim and save [illegible] it shows the *Almighty Power of Love* as an instrument stronger and more powerful than those who are in error, than any other that could be used.

The book has been prepared by Rev. [illegible] of Park Church, Hamilton Drive, [illegible] land, and published by Robert Carter [illegible] and for sale by Roman & Co., this city.

Overland Monthly.—Several days [illegible] its time comes our most excellent [illegible] ological, the OVERLAND MONTHLY for April.

Better! BETTER!! BETTER!!! stamped upon the very face of the [illegible] *Dove colored messenger of good things*, [illegible] much may be said of the excellencies of our [illegible] pers," the "Atlantic," the "Godey," and [illegible] the valuable magazines that now fill [illegible] their Pearls of Knowledge, and shower [illegible] tiful thoughts, our own *California* [illegible] "Overland Monthly" is over them all. [illegible] should we all be to have such a magazine [illegible] in our midst, and prouder still should we [illegible] ly be to enroll their names as the [illegible] supporters and sustainers of our Home [illegible]

Mess. Roman & Co. deserve great credit [illegible] enterprize in sending forth so noble [illegible] the Genius and Literature of our State.

DIAMONDS! DIAMONDS!

We know a House in this city [illegible] Tucker & Co. in *Diamond work*, [illegible] Tucker boasts of the finest Diamonds [illegible] country.

We call our readers' attention to the [illegible] mond Advertisement of the "Florence Machine," and these Machines are the [illegible] and the "Hills" are sending them out [illegible] ple by scores and scores.—*See Card.*

AXLE GREASE.—We call attention to [illegible] J. J. Hucks, Esq., to the subject of his [illegible] lent Invention, the H. & L. Axle Grease.

It will be seen Mr. Hucks gives a [illegible] lenge of *One Hundred Dollars* to find [illegible] that can Equal it. Mr. Hucks might [illegible] *One Thousand* or *Ten Thousand*, and [illegible] be no chance of losing, for the H. & L. [illegible] thoroughly tried, that no one desires [illegible]

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

s of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

ith the present indications arising from the Knowledge of Large Land Sales to Farmers, many em new comers to our shores, and from the assurance we have of a Successful Planting Season, on of abundant rains, we know that the acre-age will nearly if not quite double the amount of , while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

r the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

or Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with at ease, almost noiseless, and with little or no friction, consequently with sure speed. It has inably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs when- r exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. e warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or Haine's Gearing,' or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on e Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125 Also dinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, id Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, ius saving $300 in labor each season. These Threshing Machines will be the most perfect Implement er yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of ower save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the rain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ver yet introduced on this coast.

We have also

Hardware and Garden Tools,

ogether with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

THE KIRBY CLIPPER MOWER!

IT HAS THE

INDEPENDENT

Action!

IS ALL OF

IRON & STEEL

AND OF REMARKABLY

Light Draft!

THIS IS THE

LIGTEST!

CHEAPEST!

AND

Best Single Mower!

IN THE MARKET.

THE KIRBY MOWER AS SEEN ON LEVEL GROUND.

ONE HORSE can work it by putting on Shafts in place of the Pole and then cut TEN ACRES A DAY. Length of cut, four feet two inches.

When you order EXTRAS for this machine, always state the NUMBER OF THE PART WANTED corresponding with the number on the plates on the list, and so GIVE THE NAME of the part when there is no number on it. By carefully preserving the circular, you can always order your Extras by number and by name. The parts illustrated on this sheet are for the Combined Machine, but the Clipper parts do not differ from them in name except in a very few instances.

Be sure to place the driver's seat so as to BALANCE THE POLE and to RAISE and LOWER the FRAME and the heel of the mowing-bar with it (the driver's seat acts as a lever for that purpose.)

With the lever in your right hand, you can raise or lower the outer end of the mowing-bar. When the GRASS IS TANGLED OR LODGED set the POINTS of your guards LOW by means of the forward bolt in the pole where it bolts to the machine; IN ORDINARY CUTTING set the guards so they will be NEARLY LEVEL.

Be sure and keep all the Nuts tight and the Journals well oiled, and see that the oil holes don't get filled up, so the oil cannot get to them; also keep the Joint tight where Pitman connects with the Knife, and then your Machine will work well without trouble or expense.

The nature and working of this Machine may be well illustrated by the following incident:

Our General Agent was in Oregon, setting up and starting a machine for a party that wanted to buy "if it suited and would cut anywhere." He led the way around the field followed by the Agent driving the Machine as he was led off from smooth ground to where it was rough and boggy, and where it had never been cut over before, the driver simply bore his weight back in his seat, thus elevating the heel of the finger bar and holding it there with his weight, and at the same time elevated the outer end of the bar with the lever at his right, following CLOSE UP to his leader until the level ground was reached again; then he dropped the bar again, having followed the purchaser close all the way through. His curiosity was roused to know how the Machine was brought through without getting STUCK, and the reply was "it was not made to STICK, it was made to go!" He followed the Machine around once, and then got on and drove around twice, when a neighbor said: "Mr. Within how do you like the Machine?" His reply was: "To tell the truth it is a little the nicest Machine I have ever seen, for I can sit here and work my hand and feet and balance the Machine with my weight, all at the same time, I will have to keep it," and paid his money down for the Machine.

The KIRBY has no equal in the facility with which it can be made to cut high or low while in full motion. It can be raised with ease to any desired height without any extra strain or friction, so that rough and boggy places may be passed over and cut evenly and thoroughly, and the bar can be dropped down again when smooth ground is reached.

There is no JOINTED BAR Mower that can be handled in that way; for although the mowing bar can be thrown over an obstruction, yet they cannot be run any distance in this way, from the fact that their bar would have no support and would flop and jump along with a great strain, and be very liable to break.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

30-22—no1

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked this large sum of money will be increased each year until, in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS, or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster BY ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION *whose capital and assets will not be impaired or injuriously affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union.* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

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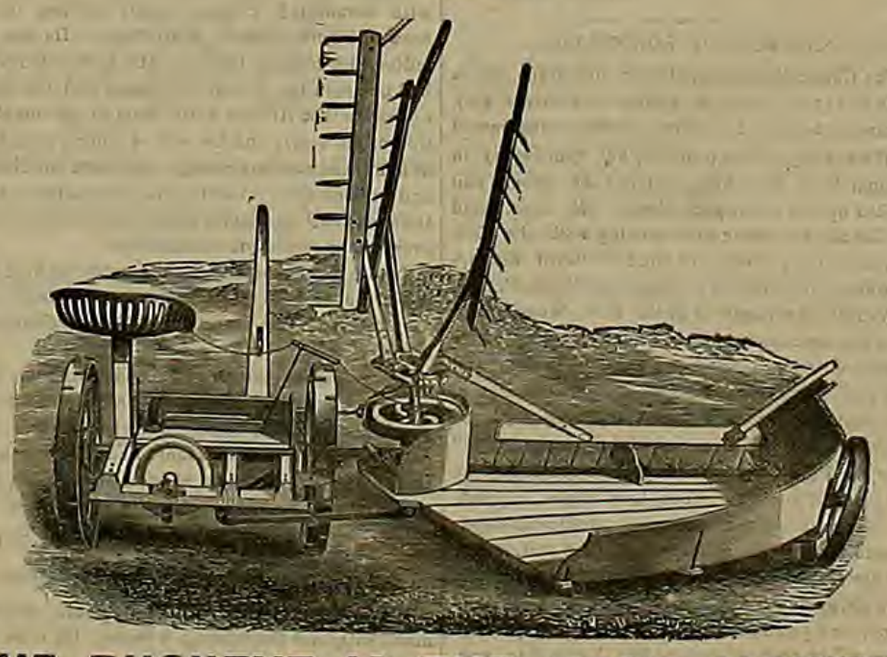

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A SWEET SECRET.

(Stolen from Zeta.)

There's a secret in my heart—I can tell it unto none;
And only softly to myself, when I am all alone.
It nestles in my bosom, as the bee within the rose;
All its perfume, all its sweetness from that hidden centre flows.

But I whisper it unto the waves of gently flowing streams,
To forest birds and flowers, and to angels in my dreams;
And to me the birds' gay carolling seems softer, sweeter then,
And the murmur of the streamlet is my whisper back again.

Yes, all the world of Nature, now, my precious secret knows;
I have told it to the summer sun, and to the winter snows;
To the glad green earth around me, and the bright blue heaven above,
I've opened my heart exultingly, and cried! I love! I love!

The world is far more beautiful than it was wont to be:
Has there a change come o'er the earth, or is it only me?
There seems more music in the air, and brightness in the skies!
Or is the music in my heart, the sunshine in mine eyes?

And there's another secret yet, within this breast of mine;
'Tis only since it entered there, that life has been divine;
It burst upon my soul with joy, so keen 'twas well nigh pain—
Ah! it was heavenly bliss, to know, that I was loved again!

Mayne Reid's Magazine.

THE HELPLESS.

The hen-bird beats her pinions on the snare;
Her mate the goshawk's crooked talons tear;
Over the callow nestlings, weak and lone,
What wings shall spread when darkness gathers?—
Poor little birds! [None.

The Shepherd's dog with age lies dead and cold;
The wolf steals down upon the trembling fold;
The last pale crimson streak of sunset's gone;
Who guard's the flock until the morning?—None.
Poor little lambs!

The father in the felon prison lies;
The mother in the spital shuts her eyes;
Sharp hunger sickens; day is almost done;
Who watches by the squalid cradle?—None.
Poor little babes!

Harper's Weekly.

ANECDOTE OF LORD ELDON.

The Chancellor was sitting in his study over a table of papers, when a young and lovely girl, somewhat rustic in her attire, slightly embarrassed by the novelty of her position, but thoroughly in command of her wits, entered the room, and walked up to the lawyer's chair. "My dear," said the Chancellor, rising and bowing with the Old-World courtesy, "who are you?" "Lord Eldon," answered the blushing maiden, I am Bessie Bridge, of Weobly, the daughter of the Vicar Weobly, and papa has sent me to remind you of a promise which you made him when I was a little baby, and you were a guest in his house on the occasion of your first election as Member of Parliament for Weobly." "A promise, my dear young lady?" interposed the Chancellor, trying to recall how he had pledged himself. "Yes, Lord Eldon, a promise. You were standing over my cradle when papa said to you, 'Mr. Scott, promise me that, if ever you are Lord Chancellor, when my little girl is a poor clergyman's wife you will give her husband a living; and you answered, Mr. Bridge, my promise is not worth half a crown, but I give it to you, wishing it were worth more?" Enthusiastically the Chancellor exclaimed, "You are quite right; I admit the obligation; I remember all about it;" and then, after a pause, archly surveying the damsel, whose graces were the reverse of matronly, he added, "But surely the time for making good my promse has not yet arrived? You cannot be any one's wife at present?" For a few seconds Bessie hesitated for an answer; and then with a blush, and a ripple of silver laughter, she replied, "No, but I do so wish to be somebody's wife! I am engaged to a young clergyman, and there is a living in Herefordshire, near my old home, that has recently fallen vacant, and if you give it to Alfred, why then, Lord Eldon, we shall be married before the end of the year. Is there need to say that the Chancellor forthwith summoned his Secretary, that the Secretary forthwith made out the presentation to Bessie's lover, and that, having given the Chancellor a warm expression of her gratitude, Bessie made good speed back to Herefordshire, hugging the precious document the whole way home.

—Several English surgeons have given their opinion that Chang and Eng, the Siamese twins, cannot have the ligament cut without causing death. They are to consult the celebrated Dr. Nelaton of Paris.

—Charles Dickens says he can always judge of the character of a hotel or restaurant by an inspection of the castor. The mustard pot and oil cruet are infallible tests.

LETTER FROM OUR LADY CORRESPONDENT.

JENNIE GREEN. CHAP. I.

THE MORNING WALK.

Down the lane, over the the smooth lawn, through many a winding in and out, wandering, gathering flowers and beautiful leaves and curious gems of nature's garden, went two Southern girls. One, a sylph-like, spiritual creature, a girl of fifteen, warm as summer, white and pure as the fallen snow; the other is about twenty-one years of age, not less beautiful, with her saintly-white, spiritual face, and queenly grace that inspired every move of her person and every tone of her voice, and made her surpassingly beautiful—one whom we might worship as we would an Angel, who might have walked in her. That was Belle Guye Stewart, the governess; the other was Jennie Green, the worshiped daughter of a man of wealth, who had no other daughter—but two sons. They were sons of the South, of whose trials and exploits I might write to Belle Guye, the lovely betrothed of the elder, and to Jennie their lonely and loving sister. So they wandered on together, trying to forget the reign of terror that was sweeping over their precious homes, making them so very desolate.

I will soon find them with their rival; one whose presence was to them strange and beautiful as a dream, and cruelly mawkish as a lovely person that is by your side—only to give you a glimse of a life that might be, and then vanishes and leaves you to your own dream and alone.

I am weary, dear Belle, of these sick dying flowers and this cold moss; we are walking too far, and these sad times have made me feel afraid—afraid as I may be of real harm, afraid of the thick shade once in happier times so inviting, now, full of shapes of awe and shades of the troubled spirits.

Belle looked with tearful eyes upon her lovely charge, heartsick with unutterable grief. We are in mourning, said Belle, for our lost and loved ones, and can only rest our hearts on the mystery of death and of the resurrection, and blessed fullness of eternity, for balm for our bruised hearts—we must not, may not, give them the love and the worship we owe unto our divine Creator.

I love them, may love them forever, said Jennie passionately, and a thousand times more than I could in this imperfect world; for I love them with the love of the Angels in Heaven. Heaven help us, rejoined Belle sadly, as a shadow of some third party fell across their way, unseen, like a shadow gliding after them, always seeing, never till now seen. It was the wandering artist, smiling as he looked down at his portifolio and half-finished sketch, a bird fluttering around a shining serpent that lay coiled, half hidden in a clump of green.

In another moment the shadow defined the man to the half frightened girls. Nothing to warn of danger to come, an Apollo in manly beauty, who should not be described to rival with the betrothed of Belle Guye, who has not now a part in our story.

The army of the North seemed to walk in the person of the artist Grayson, and the spirit of the North looked through his blue eyes and glanced out upon his face; as he stood before the young ladies, he might have been pictured as an emblem of the North to them. They forgot the caps of their soldiers as they gazed upon the stranger, with wonderful, crisping curls rolling, like a crown of gold, from a white brow. He met the ladies with respect, for in all the sunny South he had not seen the face of loveliness and the brow of beauty that rivalled with them in the imagination of his heart; and he was a young man fond of admiration as any young man from the North, and became their protector and companion at that time, with all the tender regard of a lover, whose every other sentiment was political.

Jennie could prattle like a child to hide her confusion, and Grayson walked with them till they returned, and parted with them at their own home.

We see ladies often with, and part from men who are young and possessed of all the charms of youth and personal beauty, with the interest of a passing moment. But Jennie and Belle sought their own room to dream of what had passed, and Grayson went away regretting he was in love.

BERTHA BAY.

TO REMOVE MILDEW FROM CLOTHES.

Mix soft-soap with powdered starch, half as much salt, and the juice of a lemon; lay it on the part with a brush; lay it on the grass day and night till the stain comes out. Iron stains may be removed by the salt of lemons. Many stains may be removed by dipping the linen in sour buttermilk, and then drying it in a hot sun; wash it in cold water; repeat this three or four times. Stains caused by acids may be removed by tying some pearlash up in the stained part; scrape some soap in cold soft water, and boil the linen till the stain is gone.

To Prevent Wounds from Mortifying.—Sprinkle sugar on them. The Turks wash fresh wounds with wine, and sprinkle sugar on them. Obstinate ulcers may be cured with sugar dissolved in a strong decoction of walnut leaves.

"Doctor," said a gentleman to a physician, "My daughter had a fit this morning, and afterward remained for half an hour without knowledge or understanding."

"Oh," replied the doctor, "never mind that; many people continue so all their lives."

An old minister the other day asked a woman what could be done to induce her husband to attend church. "I don't know," she replied, "unless you were to put a pipe and a jug of whisky in the pew."

Josh Billins says: "When a young man ain't good for any thing else, I like tew see him carry a gold-headed cane. If he can't buy a cane, let him part his hair in the middle."

—Agricultural Fairs, Farmers' pretty daughters]

DOMESTIC COMFORTS.

PREPARATION FOR THE TABLE.

Knife Rests.—There should be a pair of these placed at each end of the table, at the sides of the two principal dishes, for the purpose of receiving the knife and fork when the carver lays them down, instead of putting them into the dish. They are sometimes of china, corresponding with the dinner set, and very frequently of silver.

Butter Knives.—Beside each butter plate should be placed a knife, as no person accustomed to genteel society will help himself to butter with his own knife. There are knives with silver blades made expressly for this purpose. They are best with silver handles; as those of mother-of-pearl are very liable to break, or come off.

Finger Glasses.—These are generally blue or green, and are filled with water and set round the table, just before the cloth is removed, for the company to dip their fingers in, rubbing them with a slice of lemon or orange leaf, that is put into each glass for the purpose. Every glass is placed on a folded doily. The disgusted European custom of taking a mouthful or two of the water, and, after washing the mouth, spitting it back again into the finger glass, has not become fashionable in America. Neither is it usual in our country to place tooth-picks on the table for the benefit of the company; most gentlemen preferring to pick their teeth and wash their mouths in private.

Table Linen.—If the circumstances of the family will allow the expenditure, it is advisable always to get the table linen of the best quality; as that which is fine and thick will last much longer and look much better than if comparatively coarse and thin. There is nothing of the sort superior to the best double French damask; it being not only fine and thick, but soft and glossy, like satin; and it looks as well after washing as before. The appearance of all table-linen is improved by being mangled in a machine, instead of ironing. A table-cloth ought to be considerably larger than the table, so as to hang down all round.

Napkins.—There are few genteel families who are not in the practice of using napkins at table, to spread on the lap while eating, and for wiping the mouth and the fingers. The best size is about three-quarters square. It is now more customary to hem the napkins than to ravel them into a fringe. If fringed, they must be afterwards whipped with a needle and thread, to secure them from ravelling still farther. Napkins with colored borders look less genteel than those that are all white. The fine French double damask are the best and handsomest, and will last twice as long as any others. For a dinner party it is customary to place the napkins on the table, nicely folded in squares or diamonds, of which there are a variety of ingenious forms. But when the family dine without company, or with only two or three guests, the napkins are usually folded square, and then rolled up tightly and slipped into a ring of silver, ivory, ebony, or box-wood. These rings are generally numbered or lettered; and care should be taken to place the napkin of each person in his own ring.

All table linen should be marked in full with the whole name of the family.

Doilies.—These are small napkins intended for wiping the fingers after eating fruit, and are placed around the table for that purpose. They are very generally of colored cotton, with a border; the colors are dark, that the stains may not be conspicuous on them. Unless they are washed very frequently, they acquire a rather unpleasant smell, and are not agreeable to use. We think it best to have white ones, as they are much nicer, and the stains can easily be removed from them. Doilies are always fringed.

BEST LIGHT FOR PAINTINGS.

If you have fine pictures, (oil-paintings,) they will be worth taking every means of showing to advantage. Therefore, as bright colors around them would over-power their tints, let the walls be one uniform shade of a quiet and sober color, something like pale gray, or stone color, or pale olive; on no account any thing of a blue, red, green, or yellow tinge. On each side of all the principal pictures it is well to place a bracket supporting a lamp; thus doing justice to the work of the artist, and assisting at the same time to light the room. Where there are no pictures, or only engravings, the walls may be painted of a *very pale* pink or blossom color, an extremely delicate light green or blue, or of any buff or yellowish tint that will not interfere with the gilding of the mirror frames, etc. Generally, however, the safest color to set off the furniture is one of the various tints of gray, including light stone color and dove-color. The curtains, etc., should always be darker than the walls; otherwise the effect will be dull and insipid, for want of contrast.

India Rubber Sponge.—One of the most ingenious and useful applications of india-rubber which we have seen, for a long time, has been forwarded to us. It consists of a highly porous, cellular mass of vulcanized india-rubber. The material is, at present, only supplied in oblong, rectangular tablets, stiffened at the back by a plate of solid india rubber. This renders it more effective for cleaning paint, windows, etc., but somewhat detracts from its use as a substitute for a bath sponge. If the makers would supply the material in oval tablets or large masses, without any solid stiffening, it would form a most perfect imitation of sponge, and would have the great advantage of being almost indestructible. It can be used either with or without soap.—*The Chemical News.*

An Irishman complained to his physician that he stuffed him so much with drugs, that he was sick a long time after he got well.

Miscellaneous.

Santa Clara College, S. J.

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Miscellaneous

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"Waltham Watch Co" Watch, in two and a half ounce 18 karat Gold Hunting case, $34 coin
"Appleton Tracy & Co," Watch, in two and a half ounce 18 karat Gold Hunting Case, $37 coin
Any additional weight at $1 per pwt., or $2 per oz. extra.

We will send any of the above by Wells, Fargo & Co's Express with bill to collect on delivery, and give the purchaser the privilege to examine the watch before paying for it. Express charges, however, to be paid by the purchaser. But if the amount of the price of the Watch is remitted to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money, drafts on Wells, Fargo & Co, are preferred.

We wish it distinctly understood that these Watches are the very best, and with all the latest improvements, and that they are in perfect running order, when taken from the manufacturer accompanies each watch, and if any one does not perform well, we will exchange or refund the money.

Please state that you saw this in the California Farmer.

HOWARD & CO.
Jewelers and Silversmiths,
619 Broadway.

In order that all may address us with confidence, we refer, by permission, to Messrs. WELLS, FARGO & CO., or to any of their agents on the Pacific Coast.
31-4

Prang's Beautiful Chromos.

Those who wish to see these most beautiful Chromos, and who wish to order the same, can see a fine collection of them at the

"FARMER OFFICE."

Those which are advertised by these Advertisements can nearly all be seen at our office, as we have fine copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.
Farmer Office.

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest Varieties of Grapes, (ther is

STRONG RUOTED VINES

OR

Good Healthy Cuttings

Can secure the very choicest Many varieties of vines, that will show fruit the present year,

THE RAISIN GRAPE

Strong jointed vines of this very desirable grape had with all others at FARMER

Miscellany.

MY GUEST.

The following Gem of Poetry from a Lady's pen was sent us with request to publish. It contains much that is beautiful, and will be read with interest. The Author's name is not given.—[Ed. Farmer.]

The fire is dead in the gloomy grate,
And the shadows are heavy along the walls,
I sit alone in my study-chair,
And look on the cold dead ashes there—
My wife has gone to the ball.

She came in, more than an hour ago,
In flounces and satin and costly lace,
And stood one moment to be admired
By this chair of mine—I was worn and tired,
But I smiled at her lovely face.

She never blushes—her cheek was cold
With the pride and grace that are always there,
But her eyes were dimmed in wells of light,
And I swear the flowers seemed stars to-night
In the sable of her hair.

She will dance, of course, with the Foreign Count,
And all the lions who grace the hall,
And many, I know, will envy the one
Who is silently watching her alone
The shadows upon the wall.

She is petted and flattered everywhere—
Her life is the world's, and the world her life;
And she laughs sometimes, with a careless glee,
And says 'tis honor enough for me
That she is my peerless wife.

Perhaps it is, but a dull, dead pain
Will come at night, as I sit alone—
A dead pain born of the early tears
Shed long ago, and I dream of years
That are all of the past and gone.

And sometimes into the chair of my wife,
That stands on the other side of the grate,
A slender shadow will softly glide—
A something that comes at eventide
To sit with me as I wait.

So tender a face you never saw,
All shady with tresses brown and gold;
The red curved lips, and the sunny eyes,
Half raised, like a child's in their sweet surprise,
And the brow that never grows old!

It comes from whence I cannot tell—
It goes like a breath of the idle wind;
It's steps is noiseless, its lips is still,
But a prayer, like mine seems to fill
The air it leaves behind.

Always the same through the lonely hours—
A shadowy thing in that empty chair;
Lingering just where the light is red,
And fading away with the first faint tread
Of my wife upon the stair!

My darling—mine! no other eye
Has ever looked on this midnight guest—
This haunting dream of a boyish love
Returned to my heart, as a wandering dove
To a long forsaken nest!

Long is the time since I heard her voice—
That best and dearest of all things dear!
The gay June roses have unclosed and blown,
And the long green grass, I know, has grown
On her grave for many a year.

And I dream of the stile, and the garden-gate,
And I hear the reaper's songs in the grain,
And see once more in this chair by this grate
The same sweet lily that used to wait
For my steps in the orchard-lane!

O, could I live over the years again!—
Hush! hark! 'tis the step of my wife in the hall!
She has danced with the Count, and she comes to me
The peerless Queen of the ball.

And my guest is gone—I am left alone
To miss the gleam of her golden hair,
And yearn for the pure sweet face again,
When I hear the drop of the midnight rain,
Or sit in this sturdy chair!

I know what it is—what *might* have been!
Will it ever better my life to say?
When I look on my wreaths, shall I think of their cost
The golden honey forever lost,
And the red wine flowed away?

THE PALACE BASILEWSKI, PARIS.

The Palace Basilewski, which has just been purchased by Queen Isabella, is considered one of the pearls that adorn that rich casket which is called New Paris. It was built three years ago by Count Basilewski, who gave the architects and artists *carte blanche* to erect a palace worthy the city which is called the capital of the world. The palace is on the Avenue of the King of Rome, at the angle of Rue Pauquet. Six doors open into the courtyard. These doors are flanked by two stone pillars, supporting allegorical figures, from the chisel of Bloche, representing the four quarters of the globe. The hotel, which is two stories high above the basement, is composed of three pavilions, the centre one of which is fronted by a portico sustained by eight columns of composite order, these surmounted by the heraldic shield of Count Basilewski. The vestibule is all white marble. The furniture, of severe simplicity, was brought, it is said, from the Chateau de la Granha near Madrid. It is supposed that the apartments to the left of the vestibule will be occupied by King Don Francois d'Assise. The apartments on the first story are reserved for the Queen, and the second story is intended for the household. In the other wing of the hotel, seperated from the Queen's chamber by the stairway, are the apartments intended for the young Prince of the Asturias. This palace, no doubt, is not as fine as the Escurial, but nevertheless, it presents a habitation not unworthy the exiled Queen.—*Frank Leslie's Illustrated Newspaper.*

Almost every heart possesses some one deep memory, some one powerful feeling, which has its harmonious connection with a particular hour and a particular scene.

Miscellaneous.

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the Farmer. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO.

AUZERAIS HOUSE,
SANTA CLARA STREET,
San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,
DELMAR AVENUE,
SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,
31-1 Proprietor of the Auzerais House.

GOLDEN EAGLE HOTEL.
Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

Country Homes Wanted.

There is wanted at this time, several Homes in the Country, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES!

N. P. COLE & CO.
310, 312, 314 Pine Street,
30-10 SAN FRANCISCO

Harness. Saddles.
MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,
Saddles, Bridles,
WHIPS, COLLARS
SADDLE-WARE, &C.,
Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30-23 King St San Francisco.

SCOTT'S POTATO FARM.

Located at HURON, ERIE COUNTY, OHIO, where

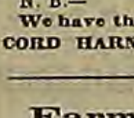
ALL KINDS OF POTATOES,

(new and old, Foreign and Domestic) are tested. Send a TWO CENT STAMP for our

Illustrated Descriptive Catalogue,

PRICES VERY LOW. GENUINENESS and reasonable satisfaction GUARANTEED. Address

L. D. SCOTT & CO.
Huron, Erie Co., Ohio.



Horticultural Premium
New Vines and Plants.

With a desire to extend the cultivation of the *New* and *Rare Varieties* of the *Raspberry, Blackberry,* and *Strawberry,* we offer the following

PREMIUMS:

For every new subscriber and $5 two plants of the Thornless Raspberry, and two plants of the Kittatinny Blackberr

For two new subscribers and $10 we will give two plan each named above and one dozen plants of the Jucunda Strawberry.

For four subscribers and $20 four plants each of the Raspberry and Blackberry, one dozen of the Strawberry, and two Doolittle Blackcap Raspberry.

For five subscribers and $25 the same premiums as for four and four plants of the Doolittle Blackcap Raspberry.

For a club of ten and $50 we will give one dozen Daviso Thornless Raspberry, one dozen Kittatinny Blackberry, ha dozen Doolittle Blackberry and fifty Jucunda Strawberry.

These premiums will enable beginners to secure those no and rare plants, which are now worth their weight in silver.

Those who send now can also secure our November and December numbers of the *Farmer* and the entire year of 1869

WARREN & CO.

Insurance.

PACIFIC
INSURANCE COMPANY
OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,802 82
CASH ASSETS	$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmon Meyer.
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A. J. RALSTON, Secretary,
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.

T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'
CELEBRATED PATENT
H.&L.
AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.,

is on the red cover of the packages

Depot, 320 Jackson Street,
HUCKS & LAMBERT,
Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S
NORTH POINT
GRAIN WAREHOUSES.
SANSOME AND CHESTNUT STREETS,
SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. This three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE
BY
JOSIAH STANFORD,
SUCCESSOR TO
STANFORD BROS.
123 CALIFORTIA STREET,
SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD, China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Bionacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 63 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This report exhibits the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, March 23.

Grain, &c

Well, Farmers! what do you think now? Was the advice and counsel that this Journal has given from *June last* up to the present time true and judicious? Would it not have been for your interest to have taken that counsel and to have sold your crops? Has there been a period of time since the high price of July and August, when you have been satisfied by the "Hold On" policy of some Journals that gave you that advice?

Farmers, you that have planted largely this year—you that should now be advised of the heavy stock of *Old Wheat still on the Market* and the prospects of an immense prospect this year; what will you do now—will you still "Hold On" to your last years' crop—pay interest, storage, ratage, leakage, wastage, and *per centage*, until it is all *eaten up by expenses?* or will you like wise men *sell now* for what it will bring?

We can aver that the amount of surplus grain and flour left over—together with the prospective crop of 1869 when it shall be harvested, will astonish you! Where are the ships to come from to take it away, provided there should be a sale for it? Can any one estimate the shipping required? We venture to say that if *two ships per day* should begin, July 1st, the commencement of the new Harvest, and load regularly for *Twelve Months* to come, they could not take away the Grain and Flour that California will have to spare. This may seem to some a large estimate, but if we place it at 1,500 tuns per day and load ships every day but Sundays, we should only get rid of FIVE HUNDRED AND TWENTY-EIGHT THOUSAND TUNS, and we are confident that our State will have an aggregate of more than SIX HUNDRED AND FIFTY THOUSAND TUNS.

With such a crop Farmers, is it not wise to reflect upon what it is best to do now, and then act wisely and promptly.

The Wool crop promises to be a large and a good one, and to promise a fairer price than last year to the grower.

Wheat California, ₱ 100 lbs	$1 45	@	1 55
do Extra	1 45	@	1 55
Barley, ₱ 100 lbs	2 25	@	2 35
Rye ₱ 100 lbs	3 50	@	3 75
Oats, California, ₱ 100 lbs	1 85	@	2 15
Corn ₱ 100 lbs	1 60	@	1 65
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 00
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	4 75
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	16 00	@	18 00
Middlings ₱ ton	25 00	@	32 50
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	5 00	@	7 50
Potatoes	75	@	90
do sweet	2 00	@	2 50
Onions	2 75	@	3 50
Hay, ₱ ton, extra	12 00	@	18 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	600	@	8 00

Retail Prices in the Fruit Market.

With the exception of a fresh supply of Oranges, Lemons, Limes, Bananas and Pines, our Fruit Market retains a similar appearance to last week. Prices about the same and trade dull in consequence of not having good Fruit to dispose of. We would suggest to our Orchardists, to plant out at once before the season is too far gone, some good varieties of Pears so as to gain a season in their bearing. There will not be a Pear to be had in our Market next Winter—all will find their way down to New York, yes, and even at any price.

Apples, ₱ box	1 50	@	2 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	—	@	1 00
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15

Retail Prices in the Vegetable Market.

In our Vegetable Markets this week we have had an abundance of Asparagus, Green Peas, New Potatoes, and Rhubarb, Cucumbers we have also, but not of good stock or quality. If our Gardeners would but turn their attention to the growing of good Cucumbers, we think they would be well repaid for their trouble, at very little extra trouble would suffice to produce a crop the year round. Cauliflowers and Broccoli are fine and very abundant.

Asparagus, ₱ lb	15	@	25
Artichokes, (Fr.) ₱ doz	50	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	50
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	2 00
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb		@	12½
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	6	@	8
do Sweet	6	@	6
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
arsely	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	25
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	8
do Hubbard	3	@	—
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	—	@	50
Salsify, ₱ bunch	25	@	37
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	25

FISH

(Tessmore and Hayes.)

The weather being unusually fine our Fishermen can follow their vocation with impunity—consequently our Market has been well supplied with everything in season. Certain varieties of Fish, of course will migrate some and it will be necessary for our boys to follow in their trail and bring the truants back to our California Markets.

Salmon, ₱ lb	—	@	15
do smoked, new	—	@	30
do pickled, ₱ lb	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	37½
Smelts	8	@	10
Perch	—	@	12
Rockfish	10	@	12
Codfish, dry	—	@	18
Herring, fresh	—	@	
do smoked		@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft		@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	

MEATS.

(L. Miller & Co.)

Our Markets retain the same monotonous appearance—nothing excellent or grand in the shape of Beeves or Mutton. Nevertheless our Butchers are doing a good business and everything with them is looking well financially.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

POULTRY AND GAME.

(A. A. Louderback.)

There has been an unusual demand for Fowls of all sorts during the week; so much so that the Wholesale prices are looking up, in some cases as high as thirty-eight cents per pound have been given for Turkies, Wholesale matters are looking well for our Ranchmen. Chickens and Ducks have advanced in proportion.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 00
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	125	@	—
Turkeys, ₱ lb	25	@	30
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 00
Spring Chickens	9 00	@	10 00
Turkeys, ₱ lb	23	@	25
Ducks, tame, per doz	10 00	@	10 50
do wild	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	350	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	1 25

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Dairy produce is being sent into our Market very freely, which keeps the prices down—of course, the unusual fine season is the cause of it. The roads generally are in good condition, therefore, there is little or no impediment for the transportation to the various Markets.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	40	@	45
Duck-eggs	—	@	45
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	37	@	42
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	42½	@	45
Eggs, ₱ doz	—	@	33
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 14 @ 15 c ₱ lb
do. 2d do. 11@12c.
MUTTON—8 @12½ ₱ lb. LAMB— 13@14c.
PORK—undressed, —@7½c; dressed, 9@10c.
VEAL—12@14c ₱ lb.

New Productions of California,

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20@22
Medium	15@18
do burry	10@12
Wool-sacks, new	70@90
do second hand	40@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	8½@9¼

Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,

Or address Editor Farmer.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

March 10th—GOLDEN CITY, Capt W. F. Lapidge, connecting with ALASKA, Capt. Gray.

March 18th—MONTANA, Capt. E. S. Farnsworth, connecting with RISING STAR, Capt. Connor.

March 30—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCEY, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

ed1 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtil further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9.50 A. M.; Reno at 4.20 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3.30 A. M.; Argenta at 8.50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12.05 P. M. Reno at 2.10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermitt, Silver City, Owyhee, and all points in Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages for White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*, Can obtain SUPERIOR SEED at the

FARMER OFFICE.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLane's Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuges now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROTHERS, PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering Dr. McLane's Vermifuge or Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHERS, PITTSBURG,

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Hepatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for the various BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the South, where, in the majority of cases, the patient is not within the reach of a regular physician, some remedy should be provided, that would not in the least impair the constitution, and yet be safe. That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous of our sincere wish that these Pills should be fairly and full tested, and stand or fall by the result when they have been so tested, and that the result has been in every respect favorable, we call thousands who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the nostrums of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms consequent on a deranged state of that organ.

DISEASES OF THE LIVER

The Liver is much more frequently the seat of disease than is generally supposed. The function it has to perform, and on the regular execution of which depends not only the general health of the body but also of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has connection with other diseases, and manifests itself by so great a variety of symptoms, of a most deceptive nature that it misleads more physicians, even of great eminence, than any other vital organ. The intimate sympathy which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and serious crime, or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I am also convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Bowels, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases of mankind under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, which increases on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels generally are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes present. The patient complains of weariness and debility; he is easily startled; his feet is cold or burn; he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everybody. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, and examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR M. McLANE'S LIVER PILLS in cases of AGUE AND FEVER, when used in connection with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after the use of Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not operate two or three times by next morning, take one or two more; but a slight breakfast should invariably be eaten. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are equal to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight affections of the Stomach.

DR. McLANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist, in consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer's disease cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to other causes. It ought here to be particularly remarked, that although but few worms may exist in a child, however quiescent they may have been previously, no sooner is the constitution invaded by any of the many forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it often happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, yields to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked, even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled, loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, and cured with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, or occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; a livid circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip, occasional headache, with humming or throbbing of the ears; an unusual secretion of saliva, clean tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea, violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied with cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; irritable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE RELIED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual in providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being present. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water in the morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening, or a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors are forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. F. McLANE, FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PITTSBURG. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have a red wax seal stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box of Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

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SAN FRANCISCO.

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☞ City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

San Francisco, Cal.

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EUROPEAN.

From our Special Correspondent.

[We are happy in introducing to our readers *Number One*, of a series of Letters, which we shall now receive regularly from Paris, giving to us all the most Important and Interesting facts connected with the interests of Agriculture, Horticulture and Floriculture.

This series of Letters will come from one of the best writers on these subjects, and the Letters will be written exclusively for the *California Farmer*.

We shall soon have Letters from our *Lady Correspondent* in London, and also from various other sources, from writers of the best talent, all prepared especially for this Journal, and which we trust, will be duly appreciated by our generous Patrons and Readers.]

LETTER NUMBER ONE.

PARIS, January, 29, 1669.

There is no country so advanced, that has not something yet to learn, and no nations agriculture but has something to teach. Great efforts are now required to solve that agricultural problem which includes all others—the best systems of cultivation, and it cannot be otherwise than instructive to be aware of what Europe is doing in this respect. My letter shall therefore be confined to the *actualities* of Continental farming in practice, to that which is useful, in science, to what is prudent. In all work, philosophers recommend method, and following Byron's plan—"my method is to begin with the beginning." Aware of the advantages of a "rotation" in farming, the agricultural system of each European nation, will be noted in turn. However Mr. Bismarck may deny to France, the premier rank in Europe in politics, he must concede her this position in practical and experimental agriculture.

France can never be a country of "monster farms." Since the Revolution of 1789, landed property, by the abolition of the law of primogeniture, has been extremely divided. The arable land is about 113,000,000 of acres, of which small proprietors own 69,000,000, medium 13,000,000, and owners 28,000,000. Not only by their number, but by territory, the small holders predominate. In the neighborhood of towns, land is most split up, almost into the cottier or allottment system. But never so small as to be ridiculous, as when this "minute division of the soil" is in question, the eldest member of a family either buys up, or rents the shares of the others, or a wealthy proprietor steps in as purchaser; the transfer of land being as easily negotiated as government stock. The climate of the Empire embraces the productions of the Temperate Zone in its fullest extent, which consequently are as varied, as they are rich. The cultivators are industrious in every rank, their condition comfortable rather than luxurious, and where badly off, are never positively in want. About twenty-five per cent of the general taxation of the country falls upon agriculture. The extended forests which cover so large a portion of the Empire are in the hands of the Government, being leased out to the highest bidder, who has power to sub-let, either for the timber, which must be cut "according to law," or for hunting. The two great "revolutions" in French farming have taken place within the last fifty years. The first was that in "rotation" of crops. An old three course was followed, consisting of the division of a farm into two portions, one being in meadow; the other was sub-divided into equal parts; one of these was under grain, the other fallow, that is, remained unproductive once in every two or three years. Thanks to progress, a root crop, generally potatoes, has superseded the fallow. A fine course rotation, comprising roots, clover, wheat and oats is the favorite at present. The second revolution, dating some thirty years back, has been in manuring, that is, the employment of artificial or chemical manures, as adjuncts or complements to that of the farm-yard. This subject will be treated upon bye and bye. As a general observation, French agriculturists are not book-farmers—they are on the whole, quick and ingenious, anxious for more light on their duties, liberal enough to change where improvement is safe, but rather inclined to look to their "parental" Government to undertake the risks and perils of innovation. Not that France is wanting in "philanthropic farmers," courageous to speculate, and patient to wait results. One notable example is that of Mathieu de Dombasté. For twelve years he endeavored to cultivate a barren spot regardless of expense—the high farming principle. He has avowed, he never could raise more than 33 bushels of wheat, and 17 tuns of beets per acre, and every year of the twelve, that his fancy farming continued, his books balanced with a loss.

Possibly no government does more to encourage agriculture than that of France, and no Monarch has surpassed the Emperor. He is a-go-ahead farmer himself—has founded out of his private fortune several model farms to test the best systems of culture, and to essay all new inventions; above all, to adapt his examples to the wants of the country, discarding all luxury, all that magnificent trifling which destroys the best intentions of well-disposed proprietors here, as elsewhere. He has two example farms at the gates of Paris nearly, nine in addition to a colony, in the desert of Gascony, eight in Champagne, three in Sologne, one on the granite slopes of Limousin, and one in Italy, near Bologna. He receives on the average four per cent on his capital. His cousin, the Princess Bacchioci, guards a hermit life on her model farm in the wilds of Bretagne. The Minister of Agriculture is voted every year, a respectable sum for his department, as also, for the execution of public works, more or less allied with rural interests—such as roads, railways, canals, etc. Sometimes Departments are selected every year, in which are held, in spring or summer, art, industrial, and agricultural exhibitions, with prizes for local competitors, as well as all-comers—so that in ten years, each Department has its subsidised little "World's Fair." Then there are governmental farms, fitted up with laboratories, where Science has but to cross the threshold to test its conclusions—there are agricultural schools of various categories, where pupils graduate and receive diplomas. Further, there is offered to each Department annually, a series of eight prizes of honor, varying from an object of art, valued at 200 francs along with a purse of 600 francs, up to a work of art, value for 500 francs, along with a purse of 2,000 francs, (with medals and smaller prizes for agents and farm bailiffs) for large and small proprietors, or co-proprietors, having in the opinion of the inspectors the best managed farms, etc. in their Department.

France has but lately terminated a great agricultural Inquiry, and the Commissioners have probed every grievance. The General Society of Agriculturists have still later sat upon a Report, in a Congress held in Paris. Passing over the consideration of matters purely local, the Society turned out a great deal of "sound corn." It recommends from 1870, a general, instead of local cattle shows, the first to be held in Paris, where prizes would be given, not only for cattle of pure breed, but for animals possessing special attention. It is proposed to elect the judges, three in number, by 'the universal suffrage" vote of the exhibitors. The same system will be applied to the annual show of implements—one prize only will be given in each class, and the entries limited to France. An International Implement Exhibition, however, is to be organized. The subject of agricultural education was largely entered into. The resolutions were in favor of founding additional State experimental farms—a Central College, an improvement in the pecuniary condition of the boarders at the Farm Schools, and the application of agriculture in school studies generally. It was not to be "professed" to children, they should only be trained to "*like*" it; girls should be instructed in the art, and a trial should be made of working school farms by giving the pupils a partnership in the profits.

In every industry in France almost, woman has her "Rights" in being permitted to work, and consequently she is to be found largely employed in agriculture, where alongside men, "the grey mare often turns out the better horse." Machines for abridging labor are finding their natural home, but home-manufactured implements are bad, clumsy, and dear. It is curious that so few English or American implement makers seek a foreign market. From the Olive land of Spain, across fair Italy, through the wilds of Bohemia, and to the steppes of Russia, but two American, and three English manufacturers' names were all I met with—and there is a market for the article, as the "cheap labor" question is every where pressing.

The scientific world may be said to be concentrating its attention on the comparative value of chemical manures, limited to the phosphates and nitrates, and the rotating of crops where analysis indicate sympathetic relations. Farm-yard manure has not fallen in estimation of course, but with phosphate of lime, nitrate of soda, and the salts of potash, halcyon days are in store for farmers. Some experiments at the Government schools are pending, which promise to be interesting. French capital is to be employed to work the veritable quarries of phosphate of lime in Spain; Prussia and Hungary are to supply the potash, as well as sea-niter, Peru the nitrates, and Coke manufactories the sulphate of ammonia.

Cold and tepid water baths for cattle, are creeping into favor as therapeutic agents in the treatment of inflammatory diseases. C. F.

(CONTINUED IN OUR NEXT.)

EARTHQUAKE.—A little before *six* P. M., about our *press time*, we had a small shaking up—but as it was but a small one, and only once repeated; this time but *few* were *scared* and none *hurt*. It shows however, that the *stomach below* is still out of order.

We are indebted to the Merchants' Reading Room Association for a liberal supply of Newspapers from the Sandwich Islands by the last arrivals, for which we tender thanks.

THE PERRY MOWER IN THE FIELD.

First Prize at the New England Agricultural Fair held at the City of New Haven, September, 1868.

THE PERRY MOWER.

We give this week the very fine Illustration above of the *Perry Mower*, which has excited a very great interest in the old States, and which, as will be seen by the *Reports of the Committee* of the New England Agricultural Society's Show, held at New Haven in September last, this Mower took the *Grand Prize* oser all others.

As California is bound to have the *very best Implements* of all kinds, we esteem it our duty to publish everything which will advance the FARMERS' interest.

OUR ILLUSTRATION.

It is probably within the remembrance of those who attended the Exhibition of the New England Agricultural Society at New Haven, in September last and read the full report of the proceedings which appeared in the *Ploughman* of the day, that the Committee on Class 10, No. 61 (Agricultural Implements), failed to make an award of premiums on Mowing Machines. This fact was incorporated in their report to the Society, the Trustees of which, at a subsequent meeting, referred the matter back to the Commitee for final and decisive action.

To this end, a meeting of the Committee was held at the Parker House in this city on Tuesday last, Col. Geo. W. Riddle, of Manchester, N. H., Chairman of the Committee, presided, and A. G. Hills, of North Wrentham, Massachusetts, was chosen Secretary.

The Mowing Machines were represented by their Inventors, Manufacturers or Agents, who participated in the proceedings of the meeting, which took a wide range, the largest liberty being allowed in the discussion.

The session of the Committee lasted about three hours, during which time remarks were offered by Mr. Barnard, representing the Buckeye Mower, Mr. Green, for the Clipper, Mr. Whittemore, for the Wood, Mr. Perry, for his Invention, and Messrs. Holcomb, Hubbard, Barrett, and Hills of the Committee.

At the close of the discussion, the Committee proceeded to ballot on a motion to make an award for the best Machine exhibited at the Fair at New Haven. A decisive result having been obtained, the following report was drawn up and unanimously signed by the Committee:

Herewith is the

REPORT OF THE COMMITTEE.

BOSTON, Dec. 1, 1868.

A meeting of the Committee of the New England Agricultural Society, appointed to make awards on Mowing Machines exhibited at New Haven in September last, was held at the Parker House in this city to-day, the Chairman, Col. Geo. W. Riddle, presiding, and A. G. Hills, acting as Secretary. A number of exhibitors were present and participated in the hearing. After a full discussion of the merits of the case, the Committee proceeded to ballot on the question of making an award of the First Premium of the Society, when it appeared that a majority of the Committee had voted in favor of awarding to the Ames Plow Company the first premium of the Society for the PERRY MOWER.

(Signed.) GEO. W. RIDDLE, A. G. HILLS, E. V. B. HOLCOMB, D. W. SHARES, O. HORACE HUBBARD CHARLES WILLIAMS, W. E. BARRETT.

Eastern Correspondence.

LETTERS FROM AN OLD CALIFORNIAN AT THE EAST.

NUMBER NINETY-EIGHT.

NEW YORK, February 20, 1869.

Editor California Farmer:—

OVERLAND MAIL—OPERA HOUSES.

I have been so disgusted with the uncertainty of the overland mail, that I have almost entirely suspended my California correspondence. I hope that the promise of a better state of things will be fulfilled. I have been amusing myself lately, in examining the new theatres which have been so recently opened. A conflagration like that which destroyed the Winter Garden, has generally no bright side, but in-as-much as we owe to it the most magnificent temple of the drama on the Continent, we must recollect it as a fortunate event. Booth's Theatre presents a most imposing appearance in the day-time, but when one approaches it at night, when it is literally dazzling to the eye of of the spectator, the effect is generally heightened. The entrance has been ornamented in the style of Raphael, and is entirely new as well as most attractive. The pavement alone is worth examining, for it is a model of real Venetian Mosiac, reduced in tiles. I had not secured seats, so I took my company into the dress-circle, where we had a fine view, not only of the stage, but of the whole building. It is not as brilliant to the eye at first as the grand Opera House, but it bears close examination and in the end pleases one better. The ceiling of the theatre has the appearance of an open cupola, surrounded by a balustrade, the medallion in the centre representing Apollo and the Muses; the spaces are ornamented with statues of Macbeth, Hamlet, Othello, and King Lear. The walls are decorated in the style of Raphael, and the effects of the coloring is admirable. The Proscenium is very beautiful, and differs wholly from anything I have ever seen. The chandeliers are artistic in design, and lights up the house even to a brilliancy. The finest live poem in the English language, Romeo and Juliet, was the entertainment for evening, and I need not say, how much we all enjoyed its representation. It was magnificently put upon the stage—the meeting of the retainers of the rival houses of Montague and Capulet in the great Square of Verona, was one of the finest spectacles I have ever witnessed. Edwin Booth's impersonation of Romeo is an original and a most natural piece of acting. It is criticised as too real and not poetical enough. This I would regard, if I were in Mr. Booth's place, as more of a compliment than otherwise. The garden scene was intensely life-like, and we were charmed with Mrs. McVickars' representation of Juliet. Edward Adams as Mercutio was excellent; we were sorry to see Benzolio give him his death wound. I wished ever so much during the play for Mrs. Judah, for the Nurse was wretchedly played, and particularly as I thought of Mrs. Judah's conception of the parts; even the ladies who accompanied me found fault with Miss Morant's reading, though they were disposed to be pleased with everything Edwin Booth has anything to do with, be it ever so remotely. Mark Smith as the Friar was good. The parting of Romeo and Juliet, Scene IV. Act III. was the finest part of the play.

Thinking people have witnessed the demoralization of the Drama with fear. Edwin Booth has shown them how easy it is to turn the tide. Fickle as the public of New York are, when Shakespeare is magnificently presented, he exercises the same royal sway over them as he has done of yore. The Drama is again triumphant, and this time Edwin Booth means that cultivated people shall have a place to enjoy it permanently.

If Edwin Booth has magnificently raised Tragedy on 23d street, Brougham has prepared a palace for Comedy in 24th street, next the Fifth Avenue Hotel. His theatre is small, but it is a perfect gem of a place. We spent a most agreeable evening in hearing his "Better late than never," and his "Dramatic review for 1868." The pieces were good, the scenery was handsome, the dresses were brilliant, and the acting was capital.

Pike's Opera House as your readers are probably aware, has been purchased by Mr. Jas. Fisk, Jr., and is now called the Grand Opera House, and justly so, for it holds its own, even when we are all charmed with Booth's theatre. Its lobbies indeed, are unsurpassed. We went to hear the charming Irma in "La Perichole." This is one of Offenbach's best productions, and we were much pleased with it, for it is not only splendidly mounted, but the caste throughout was excellent.

The new Tammany Theatre, we have not yet had an opportunity to see, but rumor says that it is crowded. At Wallack's, they are playing "Much ado about nothing," and the critics say it is admirably played. I promise myself the pleasure of seeing it next week. Trade is dull, times are hard; such is the constant cry, and yet it is astonishing to find the theatres all well filled nightly, and the new ones crowded daily. Is New York becoming a city of luxury? It is not difficult to predict, that, in a few years it will indeed be the rival of, as well as the Paris of the New World,

M. A. S.

Agriculture.

THE OLD MAN DREAMS.

O, for one hour of youthful joy!
Give back my twentieth spring!
I'd rather laugh a bright-haired boy
Than reign a gray-beard king.

Off with the wrinkled spoils of age—
Away with learning's crown;
Tear out life's wisdom-written page,
And dash its trophies down.

One moment let my life-blood stream
From boyhood's fount of flame!
Give me one giddy, reeling dream
Of life all love and fame.

My listening angel heard the prayer,
And, calmly smiling, said,
"If I but touch thy silvered hair,
Thy hasty wish hath sped."

"But is there nothing in thy track
To bid thee fondly stay,
While the swift seasons hurry back
To find the wished for day?"

Ah, truest soul of womankind;
Without thee, what were life?
One bliss I cannot leave behind:
I,ll take—my—precious—wife!

The angel took a sapphire pen
And wrote in rainbow dew,
"The man would be a boy again,
And be a husband too!"

"And is there nothing yet unsaid
Before the change appears?
Remember, all their gifts are fled
With those dissolving years!"

Why, yes, for memory would recall
My fond paternal joys;
I could not bear to leave them all;
I'll take- my—girl—and—boys.

The smiling angel dropped his pen—
"Why this will never do;
The man would be a boy again,
And be a father too!"

And so I laughed—my laughter woke
The household with its noise—
And wrote my dream, when morning broke
To please the gray-haired boys.

O. W. Holmes.

CULTURE OF THE CRANBERRY.

As the raising of cranberries is receiving more attention from those who are interested in their culture, a few facts in regard to their growth, culture, etc., will be of service to all who wish to raise them for their own use or market. Success in raising cranberries is owing entirely to thorough preparation of the ground and subsequent culture.

THE SOIL BEST ADAPTED

Is low, moist land, suitably drained, so that the water will be twelve or fifteen inches under the surface.

As the plant draws its nourishment from air and water, it is not of consequence how poor the soil may be. Light soil, or that destitute of organic matter, is better for their growth; hence, if the ground is covered with much bog or peat, it would be of great service to remove the top of the ground to a compost heap, and cover the remaining soil with sand to the depth of three to five inches.

The sand tends to prevent the growth of weeds, wild grass, etc.; is easier cultivated, and keeps the ground loose around the plants.

If planted directly on muck or rich soil, they are apt to make too rank a growth, sometimes ten or twelve feet in length, and cover the ground over with a mat three or four inches thick; and as the fruit grows on the ends of the shoots, the rank growth throws out but few buds; but if sanded over, the shoots are of short growth, the plants become rooted, and throw out stronger fruit-buds.

They will grow on moderately damp soil, that can be plowed or cultivated, or in garden soil not too dry, and produce a fair crop on such land; but will not do well on dry sand or clay. Where the soil is partially dry, they can sometimes be covered with tan, sawdust, or any thing that retains moisture, spread on the top of the ground; they also grow well on the borders of streams and ditches.

OVERFLOWING

Is desirable, and I might say it is almost indispensable to do this late in the fall. It is non-essential as to the depth of water over them. It can be let off again from the 1st to the 10th of May. If it can be done, it is desirable to have the flow so regulated that it can be let off or on in the course of a few hours; so that, in case of drought or attack of the worm, it can be let on for a short time; it should be used also in the fall while gathering the fruit, for a frost may seriously injure it for market. In prospect of any danger, the water can be let on until it is past; or if it is desirable to keep the fruit over the winter, the berries can be left on the vines until spring, when they will be as fresh as if gathered in the fall.

THE VARIETIES.

There are three varieties—the cherry, bugle, and bell—generally cultivated. The large round *cherry* is a late, not prolific bearer, and does best on quite damp soil. The *bugle* is quite handsome, not as late as the cherry, and not as prolific as the *bell*, which is the most generally planted. It is early and prolific, and is the kind usually sold as Cape Cod cranberries. It also the kind sold by some dealers as upland; but there are none strictly so

PLANTING AND CULTURE.

When the ground is well prepared, lay it out as you would for planting cabbage, strawberry, or other plants, using a pointed stick or dibble to make a hole four or five inches deep, in which you place the plant, press the dirt around it, and the root and stem will soon start to grow. The remainder of the vines may be layered in the ground, leaving the shoots or stems above. The vines covered will take root and much sooner cover the ground. Another plan, adopted by many, is to take the vines up without roots, often six or eight feet in length, which they cut up and sow in drills, or lay the vine down and cover with dirt. In this way it will take from twelve to fourteen barrels of vines, to the acre.

The reason for this course is, that where vines are grown on rich muck or soil, they do not make roots, but all mat together, and the above is the only way they can be planted out; but where the ground is sanded, they grow more upright short vines with roots. These are the best to plant out, are packed close for transportation, and the only kind that can be forwarded by mail. They are tied in bundles of 100 each. Ten housand can be packed in a barrel, sufficient to plant an acre, two feet apart each way; but if the vine above ground is layered as proposed above, the two feet between each plant will be filled at once. Ten thousand plants per acre, if planted this distance apart, they can be cultivated with a horse hoe or cultivator to keep out the grass and weeds. After two or three years' cultivation they will take care of themselves. If wanted in small patches or in gardens, they can be set a foot apart and will cover the ground much sooner. They can be planted out at almost any season of the year—when the ground is not frozen, in the fall from September, at the North, until the ground freezes, or in the spring until July. At the South and West, if possible, they should be planted from October to January or February. If received too late for planting, the roots can be covered with dirt in a box and placed in a cellar, until they can be planted out. Where there is no overflow, I am satisfied that they can be planted out in early spring until July, as well as fall.

Every family can have their garden patch, and in dryish soil, grass, meadow muck, tan, or sawdust around the plant will be beneficial to retain moisture. They are highly ornamental in pots, the fruit hanging on the plant until the blossom appears for the next crop. They often bear a few berries the first year, and increase every year, coming into perfect bearing from five to eight years, averaging 100 to 150 bushels per acre—sometimes yielding as high as 300 bushels.

A point worthy of notice is, that cultivated fruit is less likely to be affected by drought than wild fruit.

THE SIMPLICITY OF TRUE GREATNESS.

"The more I see of the world, the more I am convinced that simplicity is not more the inevitable accompaniment of true genius that it is of true greatness. I never yet knew a truly great genius who did not possess a certain playful, almost childish, simplicity of character. True greatness never struts on stilts, or plays the king upon the stage. Conscious of its elevation above the rest of mankind, and knowing in what that elevation consists, it is happy to take its part in the common amusements and business of life. It is not afraid of being undervalued for its humility."

"Of this class was Chief Justice Marshall. In his hours of relaxation, he was as full of fun and as natural as a child. He entered into the spirit of athletic exercises with the ardor of youth; and at sixty odd years of age was one of the best quoit players in Virginia.

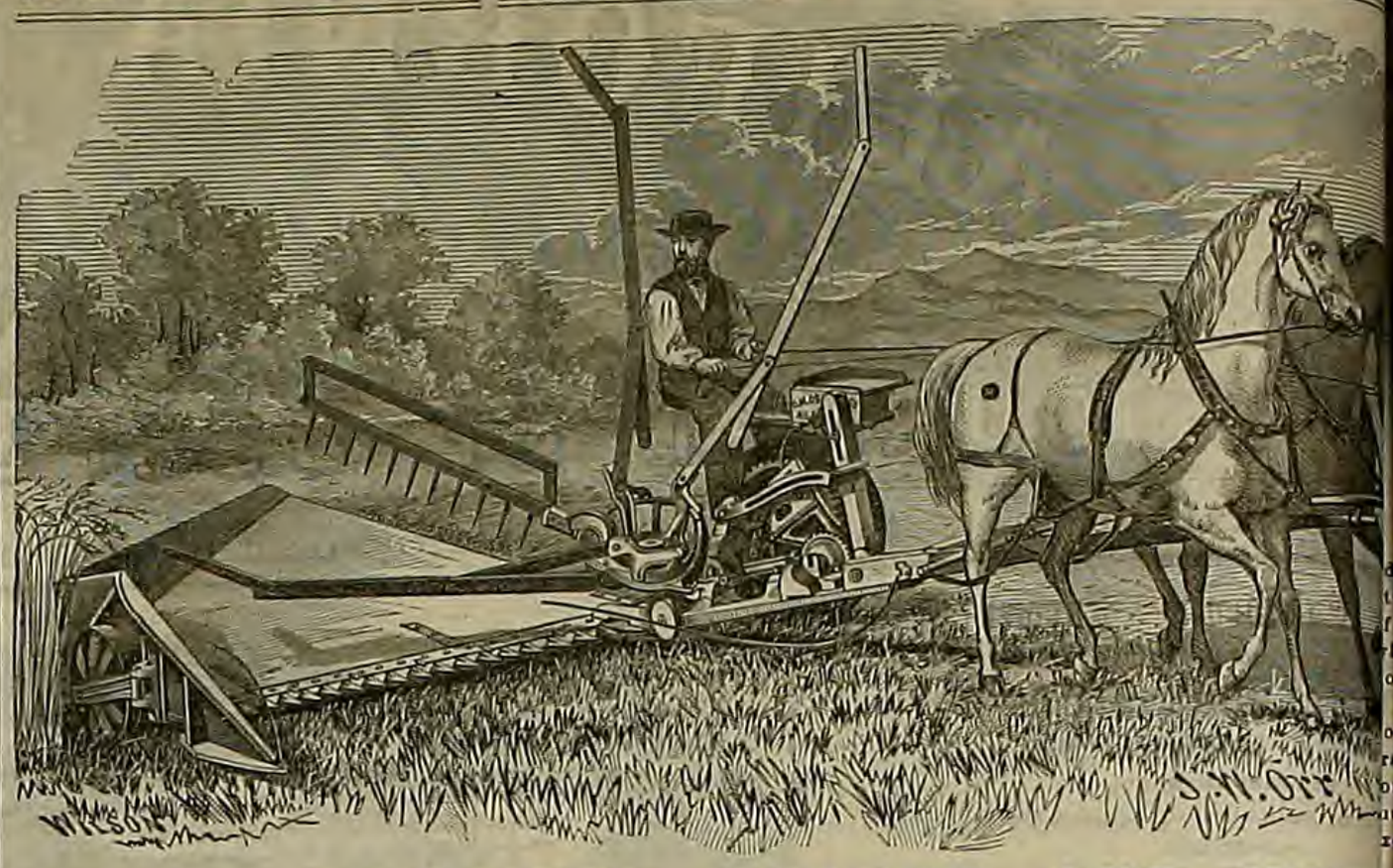
"I think it was during the summer of 1820 that I met him at Quoit Club near Richmond, where were collected at least half a dozen grave Judges and several distinguished persons of different professions, including Jarvis, the portrait painter, the prince of originals, past, present, and, I may venture to say, future.

"A match was made, and the Chief Justice threw off his coat, and fell to work with as much energy as he would have directed to the decision of a question of neutral rights, or the conflicting jurisdiction of the General and State Governments.

"I remember, in the course of the game, and when the parties were nearly a tie, that some dispute arose as to the quoit nearest the ring. The Chief Justice was chosen umpire between the quoit belonging to Jarvis and that of Billy Haxall. The Judge bent down on one knee and with a straw essayed the decision of this important decision of this important question, on which the fate of the game in a great measure depended. After nicely measuring, and biting off the end of the straw, 'Gentlemen,' said he, 'you will perceive this quoit would have it, but the rule of the game is to measure from the visible iron. Now that clod of dirt hides almost half an inch, but then he has a right to the nearest part of the ring, and here, you will perceive, is a splinter which belongs to and is part of the ring, as much as Virginia is a part of the Union. This is giving Mr. Haxall a great advantage, but notwithstanding, in my opinion, Jarvis has it by at least the sixteenth part of an inch, and so I deside, like a just judge, in my own favor.'"

"A man who is not afraid, whatever exaltation he may have reached, to let himself thus down to the level of his fellow men, must have that innate consciousness of genius which is in itself sufficient evidence of possession. Those who are afraid of mixing with their fellow creatures, are of the every day race of men whom chance has made notorious, and who are alike inhabitants of empty palaces that shut their windows for fear people may come near enough to detect the abject poverty within."

VALUE OF DEEP CULTIVATION.—The Commissioner of Agriculture says, that if our soil were cultivated one inch deeper, $150,000,000 would be added to the wealth of the country.



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TWO COMBINATIONS IN ONE MACHIN
This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good others very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpo
"MONITOR"
Self-Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.
It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred the Pacific Coast, who are successfully using them this year, can testify.
The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.
We shall keep a large supply of EXTRAS of all kinds on hand.
The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the bun In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self-Rake on it, than it is to carry a man to rake off, and are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the
By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a s operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the then the Rake, of its own accord, will sweep it off.
This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel in the axle plate, where the joint or independent action is obtained.
This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.
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We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:
Blackberries---THE KITTATINY. WILSON'S EARLY.
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Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.
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As the amount of these new and rare things is limited, early orders only will secure them. Address
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EARLY COODRICH POTATO.
Important to Market Gardeners and the Agricultural Public.
The Undersigned, having growing and tested the above Potato for two seasons, have no hesitation in pronouncing it far superior to any other grown on this coast, for an early Potato, and now offer it for sale. It is very early (from three to four weeks earlier than any other) good size, white skin, smooth eyes, white flesh, of superior table quality, and very productive.
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Agents in San Francisco—GRIFFITH & ELLIS, No 225 Washington street, one door below Front; and G. F SILVESTER, No. 317 Washington street. 30-12.

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IMPROVED
POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes, ever introduced.
It Saves the Labor of 12 Men in Planting Time.
Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed
No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.
This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.
The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.
We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it
Particulars and Catalogues can be had at our office.
WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,
(SUCCESSORS TO L. B. BENCHLEY & CO.)
No. 3 and 5 Front street near Market,
SAN FRANCISCO,
IMPORTERS
—AND—
JOBBERS
OF
AMERICAN, ENGLISH AND GERMAN
HARDWARE & CUTLERY,
Agricultural and Mining Tools,
ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the
GERRISH
Submerged and Double Acting
FORCE PUMPS,
Patented by J. A. Morrell, October 29th, 1867.
THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.
Agents wanted for this Coast
County Rights for sale.
30-63m

WALTHAM
WATCHE
The extensive use of these watches for years by Railway Conductors, Engineers, men, the most exacting of watch wearers, ly demonstrated the
STRENGTH, STEADINESS, DURABILITY AND ACCURACY
of the Waltham Watch. To satisfy the these respects, is to decide the question as value of these time keepers.
MORE THAN 400,000
of these watches are now speaking for them pockets of the people—a proof and a their superiority over all others.
THE SUPERIOR ORGANIZ
and great extent of the Company's Work enable them to produce watches at a pri der competition futile, and those who watch, merely pay from 25 to 50 per cent watches than is necessary.
WE ARE NOW SELL
Waltham Watches at less prices in gr the gold prices before the war. There is ufacture of any kind in the United State can be said.
THESE TIME PIE
combine every improvement that a long proved of real practical use. Having of nearly every invention in watchmaki in this country, or in Europe, only th adopted with severe testing by the most in our works, and long use on the part demonstrated to be essential to correct timekeeping.
Among the many improvements we m ize:
The invention and use of a
CENTRE PINION,
of peculiar construction, to prevent damage by the breakage of main springs, is only American Watch Company, who having b of all other contrivances, adopted Fogg's as being the best and faultless.
Hardened and Tempered Hair-S
now universally admitted by Watchmake best, are used in all grades of Waltham
ALL WALTHAM WATCH
have dust proof caps protecting the m dust and lessening the necessity of f necessary in other watches.
OUR NEW PATENT STEM WIN
or keyless watch, is already a decided great improvement on any stem-winding American Market, and by far the cheape quality now offered to the public.
TO CALIFORNIA
and others living in portions of the United watchmakers do not abound, watches mentioned improvements which tend to cleanliness, durability and convenience, valuable.
Every watch bearing the trade Waltham is guaranteed to be a reliable time-keeper,
To prevent imposition, buyers should mand a certificate of genuineness.
The trade supplied by Messrs. E. E. San Francisco, Cal., and generally for all respectable dealers.
For other facts and information, address
ROBBINS & APPLETON,
128 Broadway, New
31-4

Horticulture.

ABOUT SEEDS.

RESULTS OF THE USE OF LONG KEPT SEEDS.

The fact that old seeds yield weak plants is taken advantage of by the florist in producing new varieties. It is said that while the one-year-old seeds of Ten-weeks Stock yield single flowers, those which have been kept four years give mostly double flowers.

In case of melons, the experience of gardeners goes to show that seeds which have been kept several, even seven years, though less certain to come up, yield plants that give the greatest returns of fruit; while plantings of new seeds run excessively to vines.

UNRIPE SEEDS.

Experiments by Lucanus prove that seeds gathered while still unripe—when the kernel is soft and milky, or, in case of cereals, even before starch has formed, and when the juice of the kernel is like water in appearance—are nevertheless capable of germination, especially if they be allowed to dry in connection with the stem (after-ripening.) Such immature seeds, however, have less vigorous germinative power than those which are allowed to mature perfectly; when sown, many of them fail to come up, and those which do, yield comparatively weak plants at first and in poor soil give a poorer harvest than well-ripened seed. In rich soil, however, the plants which do appear from unripe seed, may, in time, become as vigorous as any.

According to Siegert, the sowing of unripe peas tends to produce earlier varieties. Liebig says: "The gardener is aware that the flat and shining seeds in the pot of the Stock Gillyflower will give tall plants with single flowers, while the shriveled seeds will furnish low plants with double flowers throughout."

DWARFED OR LIGHT SEEDS.

Dr. Muller, as well as Hellriegel, found that light grain sprouts quicker but yields weaker plants, and is not so sure of germinating as heavy grain.

VALUE OF SEED AS RELATED TO ITS DENSITY.

From a series of experiments made at the Royal Agricultural College at Cirencester, in 1863–4, Prof. Church concludes that the value of seed-wheat stands in a certain connection with its *specific gravity*. He found:

1. That seed-wheat of the greatest density produces the densest seed.

2. The seed-wheat of the greatest density yields the greatest amount of dressed corn.

3. The seed-wheat of medium density generally gives the largest number of ears, but the ears are poorer than those of the densest seed.

4. The seed-wheat of medium density generally produces the largest number of fruiting plants.

5. The seed-wheats which sink in water but float in a liquid having the specific gravity 1.247, are of very low value, yielding, on the average, but 34.4 lbs. of dressed grain for every 100 yielded by the densest seed.

The densest grains are not, according to Church, always the largest. The seeds he experimented with ranged from sp. gr. 1.354 to 1.401.

THE FLOWER GARDEN AND LAWN.—In all that relates to a flower garden or lawn, order and neatness are indispensable. At this season, special attention should be paid to these qualities. In making your arrangements for your pleasure grounds, allow abundance of room for the lawn. Of all arrangements for ornamental effect, a clean, smooth lawn possesses a beauty almost unequaled by even the most brilliant flowers and shrubs which are interspersed here and there. The lawn should have a dressing of good rich soil, or compost, before the middle of March, and grass seed should be sown during the first week of April, just before a rain. Sow the seeds over the ground, rake in with an iron rake, and roll immediately afterward when the ground is dry, for if wet, the soil and seeds will adhere to the roller. From a quarter to half an inch is not too thick to cover the lawn with compost.—*Horticulturist.*

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Rediviva, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces a day being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Lum*" or "Pileem-and-lise-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this root can be found, and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of the California Farmer.

—Don't imagine trouble; don't borrow it; don't die before your time. When God wants you to die, He will show you how to do it easy.

Miscellaneous.

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & Co. T. H MORROW.

A. L. CHAMBERLIN.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of

WILSON, MORROW & CHAMBERLIN,

will open in New York City about the first of November next, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

Messrs. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. 423 *Jackson Street.*

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of the extensive Ochards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY

State Agricultural Society, 1867,

TO THE

Natoma Vineyards

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 22-2

VALUABLE PLANTS FOR SALE.

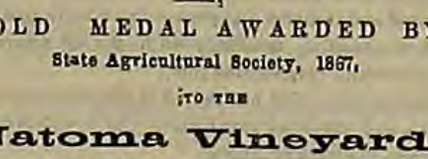
☛ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

tf WARREN & CO., *Farmer Office.*



GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO., Farmer Office.

Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,

Or address Editor Farmer.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,

Can obtain SUPERIOR SEED at the

FARMER OFFICE.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,

432 Montgomery Street,

31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00

" " six months,.....3 00

When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00

do twenty,..... 75 00

do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... . . 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.

or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....APRIL 1, 1869.

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

Rambles in the Country.—Stockton will be the theme of our pen in our next report of "Rambles." We visited several manufactories, and workshops, and met the Railroad folks, and gathered many important facts, which we are compelled to lay over till our next, by reason of the mass of letters and correspondence crowded in upon us by the long "Pent up Utica," the "Overland," which has given us a table full.

We take pleasure in calling attention to the very interesting Letter of our Valued Correspondent, M. A. S., which has been delayed by the tardy Overland. His many friends will again greet him with pleasure.

We give an interesting Letter from Carpenteria on Agriculture, which will be read with interest. Also other letters from our kind friends.

Mass. Hort. Society Reports.—We acknowledge the Annual Reports of this flourishing Society, from which we have published this week. The volume is full of interest to us, and we shall take pleasure to speak again from its pages. Many thanks for the volume.

Practical Floriculture.—We have received from Orange, Judd & Co., the popular Book Publishing House of books in this Science, "Henderson's Practical Floriculture."

This is a most excellent little book, a proper companion to the Author's book on Agriculture. Both these books should be in every Farmer's library.

We have numerous Catalogues and magazines, received by overland mail, and letters. These shall be duly acknowledged next week.

The California Medical Gazette.—This excellent Medical Journal comes to us replete with valuable communications from our best medical practitioners, and with able editorials of those who control its columns, together with the current literature of Medical Science. We again commend this work for the use of every family.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seed, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise

All Letters, Orders, Parcels, &c, intended for this office should be addressed WARREN & CO.,
California Farmer Office

MASSACHUSETTS HORTICULTURAL SOCIETY

REPORT OF THE VISITING COMMITTEE.

The Report of this eminently successful and very influential Society at Boston, (the volume of Annual Reports of the Society just received) furnishes many very valuable and interesting facts, from the various Committees. These Reports, made in full detail, would be a most excellent guide to some of *our Societies here*, and would create a better interest and feeling in the cause, if they would take example from them.

We have selected some of the places visited by the above named Committee; one to the Forest Hills Cemetery, and one to "Hawthorn Grove," the splendid residence of the distinguished President of the American Pomological Society, whose services in the cause of Agriculture and Horticulture have won for him a high fame. We hope he will HONOR California with a visit when the Pacific Railroad shall be completed. He would be warmly greeted.

We also give a sketch of the Early Rose Potato, as seen at the grounds of W. C. Strong, Esq., on Nonantum Hill, Brighton and Newton.

We give much space to these Reports, as they furnish so much matter of importance to Horticulture and Agriculture.

WEBSTER BROTHERS, STOCKTON.

We made a flying trip to Stockton the present week, to learn of the success of the manufacturers, mechanics, and the source of all these, which in his great and wonderfully rich section of country, must depend upon, (the source of all prosperity) the Farmers of San Joaquin Valley.

Our first call was at the

HEADQUARTERS OF THE FARMERS.

We found the Pioneer Agricultural Warehouse of Mess. Webster Brothers, a scene of active life. There we met a great number of Farmers from various parts of this great farming region, and they all seemed joyous and happy at the grand prospects that bids fair to come upon our whole State. Mess. Webster Brothers are full of business; as much as twenty men and two teams could do, to get the implements ready as fast as they were called for and send them off.

A large number of Farmers were looking for the Harvesting Weapons, making ready for their great and wonderful Harvest, which all now admit will be the largest ever known, and beyond all calculation GREAT.

The *Perry Mower*, which is illustrated on our front page, is creating great excitement, as it is said to be the *Best* yet out, and coming as it does so finely heralded, makes it in great demand; as an evidence of this, *Ten Perry Mowers* were disposed of during the portion of the *one* day we were there; and others wanted, but could not be got ready.

The amount of business done by Webster Brothers at Stockton, which is immense daily, is only a proof of the vast amount of agricultural interests in that region.

We visited the New Warehouses just completed by this firm, and although their present Warehouse and Salesrooms occupies an immense space, they have been obliged to erect *two more*, to store their implements required for their increasing trade.

The new Warehouses are as follows: a large Brick Warehouse 45 feet wide, by 120 feet long, and spacious; also one of Wood, 50 by 100 feet. They have also a third for storage, of large size. This will give to our readers some idea of how many Implements the Farmers of the San Joaquin Valley require.

Mess. Webster Brothers aim to secure all the New and Improved Implements known, therefore their business has become of great magnitude, and by a very liberal system of dealing, they have secured the greater portion of all the trade of this region of country.

THE FLORENCE SEWING MACHINE.

Facts are strong arguments always, and when well established go to prove the value of any article offered for sale.

The great contest that has been going on for a long time relative to the *Popularity* and *Excellence* of the FLORENCE SEWING MACHINE, *now* with its new and valuable improvements, is fully attested by the following important Record, made of the Sales of the San Francisco Agency, by Samuel Hill, Esq., and sent East to the Home Department, showing the steady increase in the sales the last *Six Years*, taking only the *Month of January of each year*, as a sample month of the trade.

The sales in January,	1864	$19
" " " "	1865	29
" " " "	1866	34
" " " "	1867	57
" " " "	1868	77
" " " "	1869	112

This shows that this Machine has so rapidly increased in public favor that the *sixth year* was SIX TIMES the amount of the *first year*.

CRANBERRY CULTURE.

F. Trowbridge, Esq., the well known Nurseryman and Seedsman of Milford, Conn., who deals largely in Cranberry vines, and who is familiar with the culture of the Cranberry and its requirements, writes to the N. Y. Horticulturist the Essay which we give place in our colums this week, and to which we call the special attention of all who desire to cultivate this desirable fruit. There is no reason in the world why we should not grow the Cranberry very extensively in this State. We would urge upon all who have "tule land" that have been reclaimed, and overflowed lands, to consider this subject and read the Essay we publish this week. Cranberry Meadows can be made to produce more per one acre than *ten acres* of wheat or barley. Now is the time to purchase the plants. Burn off the of "tule" and your land is ready for planting, for the *fire* will burn the sod several inches deep, and thus thoroughly prepare the ground for the plow and the work will be well done.

Be sure you procure *Eastern* Cranberries, as they are the only varieties worth growing.

FOREST HILLS CEMETERY.

On Wednesday, September 9, by invitation of the Commissioners of Forest Hills Cemetery, the Committee visited that beautiful burial place. The Committee visited that beautiful burial place. The Commissioners and Superintendent very kindly met them, with carriages, at the depot, and took them through the grounds, affording every facility for a thorough examination. The whole area for burials is about one hundred and fifty-six acres; but other grounds for workmen, greenhouses, stables, etc., are also owned in connection with the Cemetery. Three new and substantial green houses, west of the entrance, are now nearly completed, with other propagating houses for the use of the place. These are of the most approved and enduring character, and are said to be models fit to study. The changes, which have been great during the past two years, strike you at once. The avenue, leading to the gate, has been expanded, and bounded on the east by a heavy stone wall, ornamented and lasting, quite in keeping with the gateway. The old wooden gatehouse has disappeared, and in its place is found a costly and extensive structure of Gothic style, of Roxbury stone, with Caledonian facings, unique and striking, after the design of C. W. Panter, architect. On either side of the main opening rises a solid tower and spire, with Gothic finial and ample side supports; and from tower to tower, above the arched entrance, runs a row of small Gothic arches and pillars, and an ornamental entablature, surmounted by a rising centre peak and finial. Conspicuous in front is the inscription,

"He that keepeth thee will not slumber."

On the hill top, west, now stands the superintendent's house, removed from below, improving the view. Here he is accessible and near to the new greenhouses and propagating houses, and to the offices and principal operations of the place. Passing through the gate, between the towers, the avenues diverge from a paved semi-circle, and directly on the right is seen a fine rosette of ribbon-planting, sombre, yet pleasing, having a centre of variegated maize, a ring of Coleus Verschaffeltii and Coleus Blumei, within a circle of Cinerarias, silvery and bright, set in a low bordering of moss and rock; while just across the avenue, the lively Gladioli, in grand assembly, challenged admiration, by contrast. The whole place was alive with flowers. Following the different avenues they were found to be in excellent condition, and generally bordered by turf or plants. The pond was clear, and neatly cared for, graced by several swans, and set in living green.

On Weigelea Path a modest marble monument to Thaddeus Clapp bears upon its face, in bold relief, a perfect model of "Clapp's Favorite" pear.

In another part of the ground, a large scroll of thin marble is carlessly thrown over a rough conglomerate rock, so light, so wavy and so white, that one could easily imagine that the veteran Editor, (whose name it bears) W. W. Clapp, had dropped at last his unstained paper on the stone, over which the ivy was growing lovingly.

One lot was noticed, on Weigelea Path, where, instead of a stone border, the periwinkle was planted and trimmed into perfect line vividly green, and contrasting favorably with the hammered stone around neighboring lots.

Consecration Hill has shared in the general progress, and exhibited excellent specimens of border flowers, double and single.

Near the pond, on a small triangle, some fine specimens of the trailing Lobelia bordering were seen. No plant surpasses this for unobtrusive beauty, and no other can be substituted for it. When planted (with the Myosotis for early filling, and to be removed as soon as the Lobelia blooms) the effect is always charming. At the lot of Mr. Harding, which was smoothly clipped, the modest Lobelia and Alyssum, with varieties of Coleus, produced a very pleasing effect. Much had been done everywhere; and many fine monuments and adornments were noticed, especially near the pond. These, with a good breadth of lawn and sunlight, and a glittering water view, prepared the observer for pleasurable sensations from the accessory flowers. Here was seen one of the longest, brightest and most admirable ribbons of Portulacas, double and single, which lacked only a proper background to charm the eye; but as it had been supported principally by Asters, which dying left vacancies and imperfections, the otherwise beautiful picture was unfinished. It was like a piece of new cloth on an old garment; a hint to planters which experience gives.

The Corporation have certainly shown the utmost liberality in the care of the grounds, and the proprietors of lots have been equally anxious to embellish the place. Many costly monuments have been added, and the general success has been very great. Your Committee have found much to approve and little to condemn: but they cannot close this notice without some mention of the lot of William Dwight, Esq., (on Consecration Avenue and Weigelea and Lily Paths.)

Here the characteristics of fine taste and exquisite feeling are manifested. Starting evidently without a thought of cost, with the sole intent to pay perpetual honor to the dead, without any bald display, and so to build that time should not impair, or frosts disturb the memorial to be reared, he selects a lot of large dimensions, backed by huge bowlders of brown conglomerate rock; and after securing well the boundaries, and smoothing the earth into lawn, he makes these bowlders the monuments of the lot. On the nearly perpendicular face of one—which has a slight projection, like a visor, near the top—a recess is cut, with sides so rough that no mark of chisel can be found. This recess is like the entrance to a tomb with massive doors; and fitting it closely a large memorial tablet of solid bronze is here inserted, highly ornamented and artistic, with two swords in the centre and wreaths of bay in high relief, and thereon, in lasting letters, are inscribed the names of his two patriot sons, who gave their lives for our country:

"Wilder Dwight, Lieut. 2d Reg. Mass. Volunteers, killed at the battle of Antietam."

"Howard Dwight, Assistant Adjutant General."

Over this rock, and coming down, as if to do homage to these names, were wild vines growing. All the surroundings were in perfect harmony, and the whole was exceedingly suggestive to the observing mind.

The Committee, in closing, would ackowledge their obligations to the Commissioners, and to Mr. Morton, for one of the most agreeable visits of the season, and recommend that a gratuity of Twenty Dollars be awarded to Forest Hills Cemetery for its marked improvement.'

Mount Auburn and Woodlawn Cemeteries have not been visited this year by your Committee in a body, but individual members report great improvements in them, and Woodlawn has lately added seventy-six acres to her territory.

COL WILDER'S GROUNDS.

After leaving Forest Hills your Committee accepted the invitation of our tried friend, Col. Marshall P. Wilder, to visit his place in Dorchester. As usual they did not leave him without gaining pleasure and profit. There they saw, probably the best border of the *Alternanthera amabilis* in the country. This beautiful border plant was first introduced by him into this section of the country, and through him its merits have chiefly become known. Here, too, one of the finest displays of Japan Lilies was seen. When, some years ago, he announced that he had successfully impregnated the *Lilium lancifolium* with L. *tigrinum*, this hybrid experiment was either doubted or regarded as a freak rather than a law of nature: but Col. Wilder exhibited to your Committee full pods of the same crossing, *this year;* and, what much surprised your Committee, a *perfectly successful* impregnation of the *Japan Lily* by the *Gloriosa superba!* The seeds did not vegetate till the second year, coming up, indeed, but growing very slowly.

All doubts, therefore, must give way to these established facts. There they saw, also, the original tree of the *Abby Wilder Camellia*, ten feet high, still in a condition to yield its blooms of beauty. While partaking of his hospitality and tasting his wines, a discussion arose as to the merits of the Ives' Seedling as a red wine grape, and it may not be amiss to add, that after careful trial and comparison, the Committee was unanimously of opinion that the Ives' Seedling was fairly entitled to all the praise bestowed upon it. The flavor is rich and fruity, and it compares well with the best European brands.

To Col. Wilder the Committee return their thanks for his kindness, and award to him a gratuity of Twenty Dollars for his successful experiments with lilies.

GROUNDS OF W. C. STRONG, ESQ

Here they were shown some very interesting experiments in the propagation of plants, and a field of four acres, covered with potato plants of active growth, from only *six pounds of the "Early Rose;"* purchased in March, at the cost of three dollars per pound. These had been produced from cuttings, started under glass and again cut, and started every fortnight and planted out, until the growth was very surprising. Opening two or three hills of those longest planted, two or three good tubers were found, with other small ones; and it was evident that a large yield would be obtained, if the weather should prove favorable for a few months. But unfortunately, northeast storms set in, and this crop, in common with many others, was struck by disease, and nearly all lost. Eighty-six bushels of good sized tubers, besides some bushels of very small ones, were measured as the product of six pounds of seed! (The details of this experiment are fully given by Mr. Strong, in the January number of Tilton's Journal of Horticulture.)

That the "Early Rose" is a free grower and good producer cannot be doubted. Dr. Wight of Dedham, with ordinary care, obtained sixty-four pounds, of fair sizes, from *one* pound of seed; and Mr. George Davenport of Dedham, *using guano with care*, raised twelve bushels from *two* pounds of seed. The public, therefore, may well be glad to welcome such a new comer!—*Mass. Hort. Reports.*

THE EARLY ROSE POTATO.

We find the following results and opinion of this famous Potato, given by the extensive Seed Grower, Gregory of Marblehead,

The Early Rose Potato is a seedling from the Garnet Chili, raised by Mr. Albert Breeze of Vermont. It was first brought into public notice last season, when it sold for three dollars per pound, and seventy-five dollars per bushel. I purchased about seventeen bushels of Mr. Breeze's neighbors at a cost of over eleven hundred dollars, cut them into single eyes and planted them in different soil and localities and raised a crop of about 750 bushels of sound potatoes. It proves to be the most productive of all early sorts, while in earliness it is a fortnight before the or any other kind and is equalled but by two or three kinds. The potatoes grow to a remarkably large size, and there are very few small ones. In color the Early Rose is of a faint red skin; the flesh is very white, while in quality it is very dry and well flavored. It is a very stocky grower and will bear very light seeding—from four to six bushels being ample for an acre. On good potato soil I find that this new variety is as free from rot as the Early Goodrich or Harrison. I append a few statements of results obtained by those who planted the Early Rose last season.

L. Bartlett, of Warner, N. H. grew 17½ lbs from six ounces of seed. S. C. Pattee, same place, obtained 64½ lbs from one pound.

At the late Annual Exibition of the Massachusetts Horticultural Society, a lot of 240 lbs that were grown from 13 ounces of seed was exhibited. A gentleman of Hortonville, Vermont, raised 100 lbs and six ounces, from six ounces of seed, the past season.

In my own experience, planting by the acre, I obtained nearly fifty bushels from one.

—Speak little, speak truth: Spend little, pay cash

Home Correspondence.

CARPENTERIA, SANTA BARBARA CO., CAL.
March 21, 1869.

EDITOR FARMER:—We have had a very heavy rain for the time of year, and Nature looks gay. It rained the most of the time for two days and nights, (the 16th and 17th) which was the most severe storm of the season, and much more than we anticipated at this time of year.

Farmers appear well pleased with their prospects, as the late rain will give them ample time for fitting the soil and planting their crops.

The main crop here is *corn and beans*. There will be much more land planted this year than ever before; not only to corn and beans, but barley and wheat.

I think the immigrant, or his teams need not go hungry next fall, as there must be plenty of hay and grain, and some to spare the traveler, which he could not find last fall at any price.

This part of the country is fast improving, building, fencing, planting orchards, etc., are progressing finely.

Land in this vicinity, very high, and but little for sale. Unimproved lands ranging from ten to fifty dollars per acre.

It is thought that the Almond will do better here than in any other part of the State. Many are planting and preparing to plant largely of the Almond, and English Walnut.

The Olive too, is receiving a great deal of attention and is thought will pay well for cultivation.

Messrs. Clough & Olmstead, near here, are planting a large Almond Orchard and Nursery. They appear very hopeful, and if prospered, they will soon be able to fill large orders for Almond trees of the best varieties.

I see some are still holding on to the last year's crop of beans and corn for a better price. The present price of beans *ought* to be satisfactory to any one; but the price of corn is not so flattering. Some sold their corn-crop in the fall for one to one and one-fourth cents per pound, in the ear, while others held on for *two* cents, as it *always* has been that by planting time. Planting time is now, near at hand, and corn is not two cents per pound.

I see some of the wheat-growers up country have failed in the same way, by not selling at threshing time, or as near after as practicable. I think some will soon learn that one cent a pound for corn in the ear, at harvest time, is a pretty good price.

I think there could be grain enough raised in this County to *bread* the State, and we have not a Flouring Mill; or even a Mill that can grind us a sack of good corn-meal. I know of two or three little cast-iron Mills, that can *crack* from two to eight hundred pounds of corn per day, at the price of fifty to seventy-five cents per hundred pounds. Why not have a good Mill that can grind our nice corn into meal, and keep enough for home consumption, and send the balance to *Oregon*, to buy flour with it if it is *necessary* to go there for it?

Now, our flour all comes from Oregon, and San Francisco, and when we have no corn-meal, that also comes from San Francisco, or we can crack our corn in a coffee-mill *at home*, and *save* the *toll*.

We need a *good* Mill, and it would soon find plenty to do and good pay.

Our climate is mild and salubrious. No freezing in winter, or scorching in Summer, and one of the healthiest in the State.

Respectfully,
O. N. C.

PROLIFIC COWS—GOODRICH POTATOES.

PLEASANT VALLEY, EL DORADO CO., CAL.,
March 8th, 1869.

EDITOR FARMER:—I will send you some of my Potatoes, in return for the papers you have sent me. Two years ago, I noticed that some of the Potato balls on the vines had been covered with earth, which had changed their round form to an irregular one, and on the main stem of the vine grew small Potatoes, something like bullets. I saved and replanted them again last spring, and raised some middling sized Potatoes. I will send you a sample of them.

In your *Farmer* of the 25th of February, appeared the following article:

"Mr. Thomas Anderson, of Gorrard, Kentucky, has a cow four years old in September last, that has given birth to five calves."

Has not the words "four" and "five" been misplaced, or did the cow have twins *twice?*

I have a cow, which my wife raised on skimed milk, I know to be four years old the first of next May, that has had her third calf on the 23d of February last, and they are all alive. I thought that pretty good, but Mr. Anderson's cow beats mine.

Your Obedient,
O. G.

REPLY.—The cow of Mr. Anderson, *had given four calves*, in that time, whether doublets or triplets it does not say; but only five calves up to that age.

Shall be glad to receive the potatoes; we know this variety is indeed most wonderful.—EDITOR FARMER.

American Watches.—The Waltham Watches are a great Institution, and the number made and sold and the great popularity they have now attained, is almost beyond the usual computation of figures. They have rapidly driven all others out of the market.

We have just received the little volume or sketch of the Manufactory at Waltham. It contains very interesting matter about *Waltham Watches* that would convince every reader that the Waltham Watch is the only thing that will make a man come to TAKE TIME.

CATTLE FEED.—From every source we have constant information of the excellence of Oil Cake Meal as feed. We have met hundreds of our Stock Men and Dairymen who have used this food, all who speak of its excellence above all other kinds of food, and cheaper too than any other food known.

New Advertisements.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE S

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds of New Brunswick Oats, by Mail, for	1 00
4 Pounds of Sweedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
4 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed or	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chamberburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER OFFICE.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND

SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

THE EARLY ROSE POTATO.

TO THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER, a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Seeds man, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato.

WARREN & CO.
Farmer Office.

THE NEW OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.
Farmer Office.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

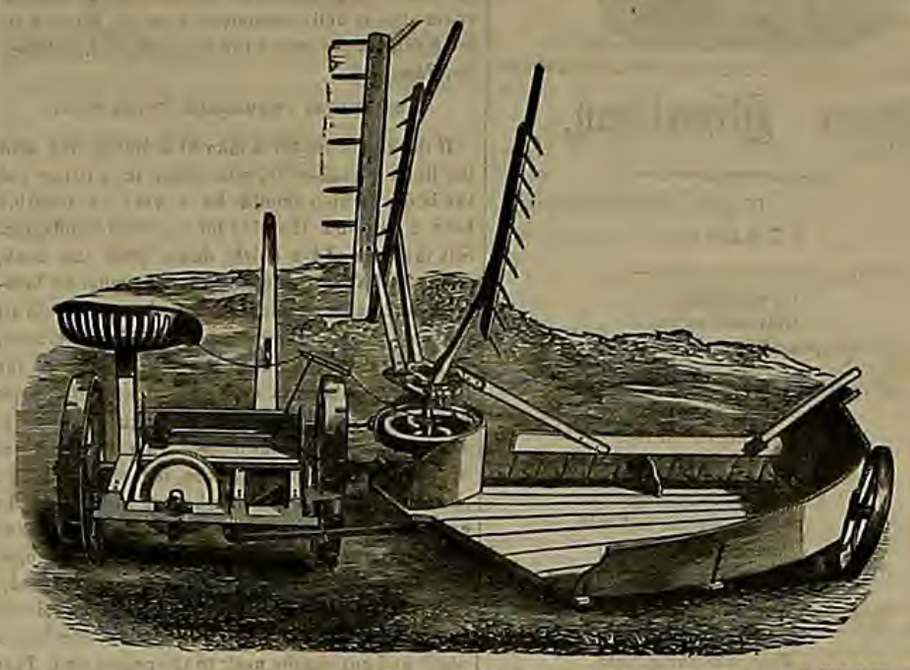
Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK.
SAN FRANCISCO.
PORTLAND.



THE BUCKEYE IS THE BEST MOWER.

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER.

MARCUS C. HAWLEY & CO.,

108 & 110 Front St., San Francisco,
SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

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EDITOR FARMER. 32-1

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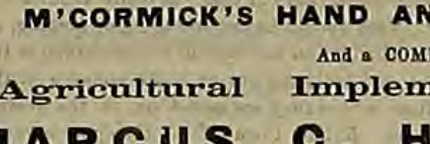
THE MASON & HAMILTON ORGAN COMPANY, whose Organs are acknowledged to be the best, have this season introduced very important improvements and new styles of Organs, and have materially *reduced prices*. For Octave Organs, $50 each; Five Octave Double-Reed Organs, Five Stops, $125. *Every one having any idea of purchasing an Organ* should at least obtain one of their circulars (which will be sent free) and compare prices. Address the MASON & HAMLIN ORGAN CO., 596, Broadway, N. Y. or 154 Tremont Street, Boston. 1t.



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Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

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OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked this large sum of money will be increased each year until, in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster BY ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION, *whose capital and assets will not be impaired or injuriously affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union.* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

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For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. WHIG & DEWEY.

Office at 318, Pine street. 31-10.

Home Miscellany.

[For the California Farmer.]

SYRENS.

Sailing, sailing to the South—
On a Summer sea,
Only thee and me;
Kiss me sweet lips, on the mouth.

Ah, our sounding's now I know—
Isles of spice they be,
Looming on our lee;
Happy gales, blow softly, blow.

Hark! I hear the Lurley sing;
Sea-maid white and cold,
Combing curls of gold;
Ghosts of drowned men round her cling.

Syren, you may sing and float—
I am safe from you,
Eyes of mocking blue;
I've my true-love in my boat!

BETTINE.

GOING TO SLEEP.

BY EMILY HUNTINGTON MILLER.

Come hither, my baby, my darling,
My lily, my wonderful rose!
The white-bosomed flowers in the garden
Begin their soft petals to close;
The bees have gone home from their clover,
The swallows are under the eaves;
And, down in the orchard, the robin
Broods over her nest in the leaves.

Come, baby—my beauty, my darling!
Your eyes, they are heavy with sleep!
Your little red mouth has grown silent,
And scarcely its laughter can keep.
Lay off the white robe from your shoulders,
Unclasp the small shoes from your feet;
Oh, daintiest blossom of Eden,
I kiss you, my lily, my sweet!

Do you feel the cool wind coming softly,
And see the young moon in the sky?
The clouds sailing over the sunset,
The bats flitting silently by?
Do you hear how the cattle are lowing,
Along the green lane by the hill?
And the brook running over the pebbles,
With music that never is still?

Now, hush while I sing to you, baby,
A song of the angels above,
That come, on invisible pinions,
To watch o'er the children they love.
So, all through your beautiful dreaming,
The voice of your Mother shall creep;
Lest, bearing the harpings celestial,
Your soul should fly homeward in sleep.

LETTER FROM OUR LADY CORRESPONDENT.

JENNIE GREEN. CHAP. II.

THE CHURCH.

Slowly the day went as in happier times.

Jennie and Belle had many engagements. On Thursday, was in the house of one of the Deacons, sewing, singing, and talking over the events of the times, and taking critical notes; for they had their own paper, for which they kept up a gay cry.

And Emily Lee, one of their number plied a busy pen, from which came many a bright surprise never to be forgotten by them.

On Sunday, they met in the church. Jennie looked eagerly for the familiar faces that should be there, and sighed to find so many missing.

All were in mourning. Jennie watched the people as they entered. Mrs. Lee with her two daughters Emily and Marie came, and bright Rebecca Golden, wearing her pretty dress, with lovely Laura Lancaster, who was resplendent in pink.

The subject of the day could not have been listened to, had not the Southern heart politics been woven as it were into the almost every sentence of the Minister.

We may now return thanks to God that the time is past when the worshipping heart of a people is hurt by the discord of that sorrowful time.

At home again, and in their quiet rooms, Belle opened her Bible and read from the "Lamentations of Jeremiah;" and Jennie over whose face a smile of love rested like native sunlight—bowed her head in her Bible, over the rosebuds that had a story for her heart, since the day they were pressed till now.

Till they were called to meet a company of the good people of the village, and young girls. Bright Rebecca Golden and lovely Laura Lancaster, and Effie Bowles, Jennie Green, were perfect likenesses.

There would be a little effort to meet the interest and necessities of the times in a party at the residence of one of their old Church members, on the next evening, a Comedy at the Theater—the Theater that had won the good will of the people by its even, echo of their sentiments, and so had become the resort of many who were frequenters—if not members of the Church.

Jennie would lend them a hand! They were making black dresses for the daughters of the once wealthy Mrs. N., who was once the owner of broad lands and many slaves, whose fortune had melted; whose slaves had found their way to the army of the North. Jennie accepted the loving task. She was learning to take a part in the trials of the times.

And the glimmer of many a midnight lamp, attested to her industry.

BERTHA BAY.

"I don't admire ladies' cuffs," as the husband said when his wife boxed his ears.

MENS' LINEN—HOW TO MAKE; BUTTONS, &C.

[We take the following brief chapter about Shirts, and Shirt Buttons, from that excellent book "Leslie's Ladies' House Book," and hope it will be read with profit by those *Excellent Housewives* that have this kind of work done at home. We think if the "Buttons" could be made to *stay on* to this all important garment, it would save a great deal of sin that is daily committed now by those who are a *little* impatient at the *loss of a shirt button.*—ED. FARMER.]

A SHIRT OPEN AT THE BACK OF THE NECK.

If the shirts are for a man of ordinary size, and the linen is yard-wide, you may, in cutting out the body, (which should be a yard in length,) take a slip off the side for the wrist-bands, etc. Slit the back of the shirt, down from the neck, about half a yard deep. This slit must be hemmed; and at its termination a tuck is to be laid all the way down the remainder of the shirt-back. Cut a square piece out of the upper part of the fore-body, (about a quarter and a half-quarter deep, and the same in width,) for the purpose of admitting a full bosom piece. This square piece of linen will come into use for sleeve linings, shoulder-linings, etc. The bosom piece must be cut about three quarters wide, and a quarter and a half-quarter deep. It is to be set into the open square made for its reception in the fore-body; first laying it into three broad pleats of equal size, basting them down till you have fitted the bosom piece and cut out the neck to the proper size. Then close-stich the pleats all the way down by a drawn thread. Afterwards insert the bosom piece into its place, back-stitching and felling it down neatly, first basting it in. Dispose of the extra width of the fore-body (where it joins the lower part of the bosom piece) by laying small pleats, one at each corner, and two meeting in the centre. Insert into the top of each shoulder (where the collar is to go on) a neck-gusset, gathered a little at the upper edge. Line the tops of the shoulders with an under piece about half a finger broad.

Gather the back of the neck; having cut out the front, rounding it downwards. The neck, both before and behind, must have a binding made of a double piece of linen, about half a finger deep when doubled. This binding must be a straight band, and should have two buttons and button-holes behind, (one above another,) and directly in front a button to sustain the false collar with which these shirts are always worn.

The sleeves must be cut quite straight. A breadth of yard-wide linen will make a pair of sleeves. The sleeve-gussets may be a finger and a half square. Gather the sleeves at the shoulders and at the wrists. The wrist-bands must be of double linen, (not cut bias,) in depth about a finger. They should be cut spreading or fanning, so as to be wider on the back of the hand than at the wrist, and hollowed out or made concave at the bottom, where they are sewed on to the sleeve-gathers. Round them off at the upper corners, and finish them with a row of fine stitching, a very little distance from the edge. Put a button and button-hole to each.

No other buttons are now used for shirts than those of mother-of pearl.

ROSA.

Rosa, our kitchen maid, is eighteen, graceful and trim, and hardly less black than Jacob. She wears dangling ear-rings set with blue glass stones, and a bright pink frock which fits her as neatly as a French grisett's. She had only been with us a week or two when Sylvia came into the parlor where we were all sitting.

"What do you think Rosa wants to do?" she said, laughingly. "Actually she desires to come into the parlor and play for us. She says she can sing, and that she plays the organ in the colored Methodist Church."

We all cried out let her come in, and in a few minutes, quite radiant and self-conscious, Rosa tripped in to the piano. She struck a few fine rolling chords, and then began to sing. We all started in amazement. Pure and clear and full of melody, her voice soared like a lark's, and overflowed the room with its volume. We had expected to be amused, but we were dumb with astonishment.

Kate, whose delicate soul finds expression at the piano, but whose voice is hardly strong enough for vocal expression, flushed and trembled with delight as Rosa sang, and, when she ended, murmured with a sigh, almost of envy, "O, if I had a voice like that!"

Next day I questioned our black swan about her advantages for cultivation. Her father and mother, with their three daughters, had been slaves till 1863. They had a kind master, and were never sold apart. After becoming free, the parents had put the three girls in school, and now they could read and write, and her father had hired a piano, and all had learned to play a little. Rosa and her second sister "lived out," but the youngest, only eleven, was still in school.

"We shall make a teacher of my little sister," said Rosa, complacently, as she told me all this.

"But how did you learn to play and sing so well?" I asked.

"O, I took a few lessons, but I got it mostly by ear. But you ought to hear my next sister play and sing. She can sing splendid; I'm nothing alongside of her."

"But where do you get your style, Rosa? who taught you to sing in the way you do?"

"Well, I've listened to white folks' singing, and two or three times I've been to an opera, and heard ladies sing there. I bet you I listenrd close. And after that I could just imitate them, every motion."

It must have been true, for no uncultured voice could have executed a song as Rosa did.—*Atlantic Monthly.*

Virtue is like precious odors, most fragrant when they are increased or crushed; for prosperity doth best discover vice but adversity doth best discover virtue.

A WISE CREED.

The Mother of Goethe, the celebrated German poet, said of herself—"Order and quiet are my characteristics. I dispatch at once what I have to do, the most disagreeable always first. I always seek out what is good in people, and leave what is bad to Him who made mankind, and knows how to round off the angles."

The saying has in it the very best philosophy of life. Performing disagreeable tasks always first, and quickly, will take away more than half the unpleasantness the days contain. Hunting for what is good in those around us, will not fail to repay with blessings.

How much to be commended is the trait of character which Goethe's mother manifested in this expression. We can readily believe she was a sunny-hearted woman. Goethe himself bore testimony in this regard. "From my dear little mother," he wrote, "I derive my happy disposition and my love of story-telling." Her sunny-heartedness was due, in a great measure, to her wise creed of life and thought. It is erroneous to think that the natural disposition is wholly responsible for habits of doing and thinking. Natural dispositions may be overcome by steady persistence, and habits naturally enough formed may be broken up. We ought not to be willing slaves to our innate propensities. A creed like that cited may be our deliverer.

HOW HENRY WARD BEECHER WRITES HIS SERMONS.

"Well," said an eminent divine, "tell us how you get up your sermons."

Mr. Beecher replied that when he first commenced to preach, he wrote out a few of his sermons, until he had enough other writing to correct his style. Since then he has never written out a discourse in full. He has an idea all the week as to what subject he will treat on Sunday. Still there is no definite plan in his mind until the time arrives.

Usually, he does not touch pen to paper before Sunday morning or Sunday afternoon. Then he sometimes gets so many sermons under way that the one he intends to prepare is neglected until the first bell rings, whereupon he throws aside the incomplete work, and blocking out a discourse he hastens to the pulpit. Generally, he writes what would make a quarter of a sermon, embracing the leading points to be presented. In preparing a sermon he first "blocks it out," and lays the foundation with a part of the framework. At the proper place he cuts windows, through which the audience may see the beauties of the Gospel. The windows are designated by the letters "Ill," inclosed in a line thus (Ill), showing that an illustration is to come in at that particular point. None of the illustrations are ever written out beforehand or with the sermon, but they are given as they occur at the time when they are needed.

Often, when in the pulpit, he finds the windows in the wrong place. He always has a variety of new sermons on hand, to be used on special occasions. He said that in old times the housewife kept the batch of dough in the pantry, and when bread was required all she had to do was go to the tray and cut off enough for baking. So it is with his sermons. He never preaches the same one twice, though he frequently uses the same text, but it is always in a different manner.

In reply to the question as to whether he selected his text first, or the subject, applying such a text as would suit, he said that a text may be compared to a gate opening into the Lord's Garden; many ministers, instead of unlatching the gate and leading their hearers in to pluck the fruit and flowers, content themselves by getting upon it and swinging to and fro.

He always makes it a point to preach his best sermons on stormy days, for then those who are in attendance say to their friends, "You don't know how much you missed, by not being present, though it was a stormy day."

He well remembered the time when, on nearly every Sabbath during the winter it snowed or rained, "for it came near killing me." said he laughingly.

Some one inquired if he studied his prayers. "Never," said he; "I carry a feeling with me such as a mother would have for her children were they lost in a great forest. I feel that on every side my people are in danger, and that many of them are like babes, weak and helpless. My heart goes out in sorrow and in anxiety toward them, and at times I seem to carry all their burdens. I find that where one's heart is wrapped and twined around the hearts of others, it is not difficult to pray."

Another wanted to know if it would not be better for Mr. Beecher to travel about the country, that the people of various sections might be benefitted by his preaching.

"No," said he; "what would a stove in the Arctic regions be good for if it were carried from place to place? Besides, more people come to hear me than I could reach should I go after them. It is better for the United States to go through my church than for me to go through the United States. — *Ralph Meeker, in Packard's Monthly for March.*

ASPARAGUS.

Well! will you buy the *White* Asparagus that is absolutely *poisonous*, and of which you can only use *one-fourth* in weight of what you purchase, or will you buy the *natural esculent* that is green, tender, melting and rich, and of which you can eat seven-eights of the amount purchased; besides there is more nourishment and palatable food in *one pound* of the Green Asparagus than in *ten pounds* of the White.

—Hoops have been compared to obstinate persons, because they stand out about trifles.

—In the language of flowers—if you wish for "hearts ease," never look to "marry-gold."

—Agricultural Fairs, Farmers' pretty dau ghte

Miscellaneous.

Santa Clara College, S. J.

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24-3 REV. A. VARSI, S J. President.

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Miscellaneous

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Peas, Rice, Farrinaceous Food,
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The "Waltham Watch Co." movement with extra Jewels, Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, &c., in 3 oz. case, with Gold Joints, $30 coin.
The same in 4 oz. case, $33. In 5 oz. $36 coin.

The "Appleton, Tracy, & Co," movement, with extra Jewels Chronometer Balance, Patent Dust Cap, Patent Safety Pinion, in 3 oz case, Gold Joints, $34 coin.
The same in 4 oz case, $37. In 5 oz $40.

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"Waltham Watch Co" Watch, in two and a half ounce 18 karat Gold Hunting case, $34 coin.
"Appleton Tracy & Co," Watch, in two and a half ounce 18 karat Gold Hunting Case, $37 coin.
Any additional weight at $1 per pwt., or $20 per oz. extra.

We will send any of the above by Wells, Fargo & Co with bill to collect on delivery, and give the purchaser the privilege to examine the watch before paying. All Express charges, however, to be paid by the purchaser. But if the amount of the price of the Watch is remitted to us with the order, we will prepay the express charges to San Francisco ourselves. In sending money, drafts on Wells, Fargo & Co, are preferred.

We wish it distinctly understood that these watches are the very best, and with all the latest improvements and that they are in perfect running order, (a guarantee from the manufacturer accompanies each watch) and if any one does not perform well, we will exchange it, or refund the money.

Please state that you saw this in the California Farmer.

HOWARD & CO
Jewelers and Silversmiths,
619 Broadway, N. Y.

In order that all may address us with confidence, we refer, by permission, to Messrs. WELLS, FARGO & Co, or to any of their agents on the Pacific Coast.
31-4

Prang's Beautiful Chromos.

Those who wish to see these most beautiful pictures and who wish to order the same, can see a large collection of them at the

"FARMER OFFICE."

Those which are advertised by these Art Publishers can nearly all be seen at our office, as we have received copies, and they are, indeed, beautiful pictures. We have them on sale. WARREN & CO.,
Farmer Office.

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest varieties of Grapes, either in

STRONG ROOTED VINES

OR

Good Healthy Cuttings

Can secure the very choicest. Many varieties from root vines, that will show fruit the present year.

THE RAISIN GRAPE.

Strong jointed vines of this very desirable grape, can be had with all others at

FARMER OFFICE.

Miscellany.

BROTHER JONATHAN'S LAMENT FOR SISTER CAROLINE.

BY O. W. HOLMES.

She has gone—she has left us in passion and pride—
Our stormy browed sister, so long at our side!
She has torn her own star from our firmament's glow,
And turned on her brother the face of a foe!

O, Caroline, Caroline, child of the sun,
We can never forget that our hearts have been one—
Our foreheads both sprinkled in liberty's name,
From the fountain of blood with the finger of flame!

You were always too ready to fire at a touch;
But we said, "she is hasty—she does not mean much."
We have scowled, when you uttered some turbulent threat;
But friendship still whispered, 'forgive and forget.'

Has our love all died out? Have its altars grown cold?
Has the curse come at last which the fathers foretold?
Then nature must teach us the strength of the chain
That her petulant children would sever in vain.

They may fight till the buzzards are gorged with their spoils,
Till the harvest grows black as it rots in the soil,
Till the wolves and the catamounts troop from their caves,
And the shark tracks the pirate, the lord of the waves.

In vain is the strife! When its fury is past,
Their fortunes must flow in one channel at last,
As the torrents that rush from the mountains of snow
Roll mingled in peace through the valleys below.

Our Union is river, lake, ocean, and sky;
Man breaks not the medal, when God cuts the die!
Though darkened with sulphur, though cloven with steel,
The blue arch will brighten, the water will heal.

O, Caroline, Caroline, child of the sun,
There are battles with Fate that can never be won!
The star-flowering banner must never be furled.
For its blossoms of light are the hope of the world.

Go, then, our rash sister! afar and aloof;
Run wild in the sunshine away from our roof;
But when your heart aches and your feet have grown sore,
Remember the path that leads to our door.

ABOUT NAPOLEON.

When Napoleon was about fourteen, he was conversing with a lady about Marshal Turenne, and extolling him to the skies.

"Yes, my friend," she answered, "he was a great man; but I should like him better if he had not burnt the Palatinate."

"What does that matter," he replied briskly, "if the burning was necessary to the success of his plans?"

1790. When at Auxonne, Napoleon and some subaltern officers were quartered at the house of a barber. Napoleon, as usual when off duty, shut himself in his room and devoted himself to study. The other young officers amused themselves by coquetting with the barber's pretty wife, who was much annoyed that her charms had no power to draw Napoleon from his studies. Afterwards, when in command of the army in Italy, Napoleon passed through Auxonne, on his way to Marengo. He stopped at the barber's door, and asked his former hostess if she remembered a young officer by the name of Bonaparte, who once quartered in her family.

"Indeed I do," she replied pettishly; "and a very disagreeable young man he was. He was always shut up in his room, and if he did walk out, he never condescended to speak to any one."

"Ah! my good woman!" Napoleon rejoined, "had I passed my time as you wished to have me I should not now have been in command of the army of Italy."

1794. During the seige of Toulon, one of the agents of the Convention ventured to criticise the position of a gun which Napoleon was superintending. "Do you," he tartly replied, "attend to your duty as national commisioners, and I will be answerable for mine with my head."

Napoleon's younger brother Louis visited him during this seige. They went together one morning to a place where a fruitless assault had been made, and two hundred Frenchmen were dead upon the ground. On beholding them, Napoleon exclaimed, "All those men have been needlessly sacrificed. Had intelligence commanded here, none of these lives need have been lost. Learn from this, my brother, how indispensable and imperatively necessary it is that those should possess knowledge who aspire to assume the command over others."

"General," said Bonaparte to Dugommier, as he raised the tri-colored flag over the crumbling walls of the rampart, "go and sleep. We have taken Toulon."

An officer, entering Napoleon's room, found, much to his astonishment, Napoleon dressed and studying.

"What!" exclaimed his friend, "are you not in bed yet?"

"In bed!" replied Napoleon. "I have finished my sleep, and already risen."

"What, so early!" the other replied.

"Yes," continued Napoleon, "so early. Two or three hours of sleep are enough for any man."

When Barras introduced Napoleon to the Convention as a fit man to be entrusted with the command, the President asked,

"Are you willing to undertake the defence of the Convention?"

"Yes," was the reply.

After a time the President continued—

"Are you aware of the magnitude of the undertaking?"

"Perfectly," replied Napoleon, fixing his eyes upon his questioner; "and I am in the habit of accomplishing that which I undertake."

1796. "Good God!" Napoleon said in Italy whilst residing at Montebello, "how rare men are., There are eighteen millions in Italy, and I have with difficulty found two, Dandolo and Melzi."

ADVANTAGES OF YEARS.—You are getting into years. Yes, but the years are getting into you—the ripe, rich years, the genial, mellow years, the the lusty, luscious years. One by one the crudities of your youth are falling off from you—the vanity, the egotism, the insultation, the bewilderment, the uncertainty. Nearer and nearer you are approaching yourself. You are consolidating your forces. You are becoming master of your situation. On the ruins of shattered plans you find your vantage ground. Your broken hopes, your thwarted purposes, your defeated aspirations, become a staff of strength by which you mount to sublimer heights. With self-possession and self-command of all things, the title deed of creation, forfeited, is reclaimed. The king has come to his own again. Earth and sea and sky pour out the largest of love. All the crowds pass down to lay its treasure at your feet.

A head properly constituted can accommodate itself to whatever pillows the vicissitudes of fortune may place under it.

Be always receiving or doing good. This will make your life comfortable, your death happy, and your account glorious.

Miscellaneous.

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME.

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO.

AUZERAIS HOUSE,
SANTA CLARA STREET,
San Jose, Cal.
J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,
DELMAR AVENUE,
SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,
31-1 Proprietor of the Auzerais House.

GOLDEN EAGLE HOTEL.
Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE
—AND—
BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at
MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the
BEST GOODS
IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.
310, 312, 314 Pine Street,
20-10 SAN FRANCISCO.

Harness. Saddles.
MAIN & WINCHESTER

Manufacturers
AND
Importers of

HARNESS,
Saddles, Bridles,
WHIPS, COLLARS
SADDLE-WARE, &C.,
Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year, it has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,
30 23 King St San Francisco.

Valuable Patents
FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

BOUND VOLUMES FARMER

☞ **Volumes of the "California Farmer" for**

The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

Insurance.

PACIFIC
INSURANCE COMPANY
OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN.
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
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Frederick Billings,
Jonathan Hunt,
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17-26

HUCKS & LAMBERTS'
CELEBRATED PATENT
H.&L.
AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

upon the red cover of the packages

Depot, 320 Jackson Street,
HUCKS & LAMBERT,
Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S
NORTH POINT
GRAIN WAREHOUSES.
SANSOME AND CHESTNUT STREETS,
SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California stret.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE
BY
JOSIAH STANFORD,
SUCCESSOR TO
STANFORD BROS.
123 CALIFORTIA STREET,
SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD, China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Pinnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 81.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, April 1

The most prosperous season for the Grain Crops all over our State, the unfavorable reports of markets in Europe, with the low price in the Eastern States, added to the fact of many severe losses to shippers of Grains, who are now receiving the quite unpleasant news added to the uncertainty of an immense harvest this year beyond all precedent, these combined facts must convince our Grain Growers that *low prices* must be at once submitted to in order to *force* off, if necessary the *very large* supplies now on hand and which is now being sent to market.

We are astonished at the presumption of any well informed person who shall for a moment think it possible for any other prospect than *low prices* on all Grains.

We have advices by last Mails from Europe and from all the leading Grain Markets of our country and we cannot see any other prospect. By advices from Rochester, N. Y., the Headquarters of the famous *Flouring Mills* of former days when the Flour from Rochester ruled the world, our last letters inform us that Wheat has been sold—the various kinds from $1 70, down to $1 30 per bushel and this in currency is equal to an average of $1 50 per bushel currency, or $1 12½ gold or, about 1½cts per pound. This would reduce it after deducting shipping expenses, to less than it is now selling here by a handsome margin.

We feel assured from the bad results of the "Hold On" policy, which was so injurious to our State, and the Grain Growers more particularly, that our Farmer *this* year will not be inclined to listen to, or believe those Journals that led them so widely astray last year; but they will meet the Market at the "Harvest"—whatever it may be and realize.

During the past week we have met several parties who have lost severely by the "Hold On" policy. They now see their error and will atone for it this year. See other remarks on editorial page.

Grain, &c

Wheat California, ₱ 100 lbs	$1 45	@	1 55
do Extra	1 55	@	1 65
Barley, ₱ 100 lbs	1 85	@	2 10
Rye ₱ 100 lbs	4 00	@	4 50
Oats, California, ₱ 100 lbs	1 80	@	2 10
Corn ₱ 100 lbs	1 50	@	1 65
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	5 00	@	5 50
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 25
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	16 00	@	20 00
Middlings ₱ ton	26 00	@	30 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	5 00	@	7 50
Potatoes	75	@	90
do sweet	2 00	@	2 50
Onions	4 00	@	4 50
Hay, ₱ ton, extra	12 00	@	16 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	500	@	7 00

Retail Prices in the Fruit Market.

Apples are the leading feature in this department. We are continually receiving supplies from Oregon, and to speak of them in bulk, they are anything but first-rate. We must admit that the transit, does in some measure injure them; nevertheless, they are not what they might be. We must grow sufficient in our own State, and varieties to suit the climate and season.

A few decent Pears come to hand occasionally. Of Pines, Bannanas and Oranges, the supply is fair.

Strawberries come steady to hand and are bringing $1 25 per pound.

Apples, ₱ box	1 50	@	3 00
Pears, ₱ lb	—	@	19
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	a	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	a	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	1 00	@	1 25
Blackberries, ₱ lb	—	@	—
Blackerries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ f	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chili do	—	@	15

Retail Prices in the Vegetable Market.

The most conspicuous features in our Vegetable Market this week, were fine samples of green Battersea Asparagus, and a few samples of the Early Goodrich Potatoes. The Goodrich, apparently is one of the earliest and most productive Potatoes in the Market. When cooked, its appearance on the table is far superior to any other, and its quality second to none. The greatest advantage to be derived from the Goodrich, is that, no matter how late they are planted, they produce fine and heavy crops.

The Early Rose will undoubtedly create great excitement in this State and be largely grown this season, even at the great cost of the seed now introduced.

As a rule the Asparagus sent to Market is of the pale, tough under-ground growth, which is more injurious than otherwise for the system. The more pure vegetable green there is about Asparagus better the connoisseurs are finding that out; therefore, our Gardeners would do well to plant the best, and cultivate it properly.

Green Peas are coming freely to hand, and maintain last week's prices.

Asparagus, ₱ lb	15	@	25
Artichokes, (Fr.) ₱ doz	50	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	50
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	200
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	25
Green Peas, ₱ lb		@	12½
Green Corn, ₱ doz ears		@	—
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	6	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	6	@	8
do Sweet	6	@	8
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley	15	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	12
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	—
do Hubbard	3	@	8
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	50
Salsify, ₱ bunch	25	@	37
Turnips, ₱ doz		@	25
Tomatoes, fresh, ₱ lb		@	

FISH

(Tessmore and Hayes.)

Our dealer's stands have been more than well supplied during the week. Salmon, the prince of the scaly tribe, has been very plentiful, and can be had at the low price of eight cents per pound, which is something very uncommon at this period of the year. Turbut, always "brother in quality" to Salmon, is to be had at the unprecedented price of four to six cents per pound. What will our Eastern friends think of this?

Herrings are not to be caught "napping"—they do not trouble our shores much.

Salmon, ₱ lb	—	@	10
do smoked, new	—	@	30
do pickled, ₱ lb	—	@	8
do do ₱ lb	—	@	
Salmon Trout ₱ lb	—	@	37½
Smelts	8	@	10
Perch	—	@	12
Rockfish	10	@	12
Codfish, dry	—	@	18
Herring, fresh	—	@	
do smoked	—	@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft		@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass	—	@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	
Turbut	4	@	6

MEATS.

(L. Miller & Co.)

The exhibit of meats and mutton, at our Butcher's Stands are anything but first rate in quality; of course there are exceptions. At Mr. Miller's stall, in California Market, we observed some excellent South Down Mutton; also, Durham Beef, which had been fattened on root crops, carrying out the old proverb,

"Rutabaga, carrots and beets,
Improve the character of meats;
They make good beef, and quicker too,
Than any other feed can do.

Farmers and Graziers, wake up and plant out your crops of Mangold and *Turnips*, etc., do it now.

Wholsale prices for meats are declining a little.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	20
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

POULTRY AND GAME.

"After a storm, comes a calm," so it is with the high prices in our Poultry Market, as is usually the case when high figures are to be seen in our columns, for Chickens, Turkies, etc. Our farming friends, rush in their stock consequently a serious fall. There is too much of the spirit of dealing in Mining Stock with our Ranchmen. Farming and Brokering are two opposites. The former is a positive uncertainty—the latter, a sure and certain gain to all, (if judiciously carried out) our country friends would find it much to their advantage to send their regular supply weekly, or tri-weekly, as circumstances allow, and not rush all their stock into the Market because prices are high—a regular, steady system in Farming is the most sure way to success. When prices are unusually high, Smith's Jones', Brown's and Robinson's rush in with their stock and the result is a serious fall.

Ducks, wild ₱ pair	75	@	1 00
do tame	1 50	@	2 00
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	25	@	30
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	2 00	@	85 0
Spring Chickens	2 00	@	10 00
Turkeys, ₱ lb	20	@	22
Ducks, tame, per doz	8 00	@	8 50
do wild,	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	330	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	2 50

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

There is little or no difference in the prices this week; business continues brisk, produce readily disposed of at the following good rates:

Butter, California, ₱ lb (Fresh)	40	@	45
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	40	@	45
Duck-eggs	—	@	45
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern		@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	35	@	37½
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	42½	@	45
Eggs, ₱ doz	—	@	33
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 11 @ 13 c ₱ lb
do. 2d do. 8@11c.
MUTTON—8 @10 ₱ lb. LAMB— 11@15c.
PORK—undressed, —5@6c; dressed, 9@10c.
VEAL—10@14c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 60
Hops, California	20	@	23
do. Imported	25	@	25
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20@22
Medium	15@18
do burry	10@12
Wool-sacks, new	70@90
do second-hand	40c@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	8½@9¼

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

March 10th—GOLDEN CITY, Capt W. F. Lapidge, connecting with ALASKA, Capt. Gray.

March 18th—MONTANA, Capt. E. S. Farnsworth, connecting with RISING STAR, Capt. Connor.

March 30—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCEY, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se1 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9.50 A. M.; Reno at 4.20 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3.30 A. M.; Argenta at 8.50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 1905 P. M. Reno at 2.10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada,

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

SORE BACKS ON HORSES.—A correspondent in the *Farmer's Gazette*, writes:—I send you an excellent remedy for a sore on a horse. Beat the yolk of an egg with a teaspoonful of spirits of turpentine and athe pply to sore—cover with a soft cloth. I have tried it.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLane's Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge, now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements that prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heplatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINTS and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and for tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the proper digestion of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to the health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal nature or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Bowels, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful notion of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every one. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow this. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are inferior to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. Even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an annular circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nauses and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently streaked with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough; cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water in the morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years, a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

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R. F. MAY, Esq., Helena, Washington Territory.

MESSRS. PEASLEY & CO., Beekman St, New York.

T. C. EVANS, Esq., 129 Washington St., Boston, Mass.

MESSRS. WAITE, BURNELL & CO., Seed Merchants High Holbourne, London.

MESSRS. VILMORINE, ANDRIEUX & CO., Paris.

EUROPEAN.

From our Special Correspondent.

(*Continued from Last Week.*)

PARIS, January, 29, 1669.

SHEPHERDS' SCHOOLS.

No country can derive more benefit from sheep farming than France; knowing this, it is not surprising that the Emperor has decided upon opening a training school for shepherds. For the last thirty years the number of sheep reared in the country has been on the decline, the cause being, the incapacity of the shepherds. The new school will be founded upon one of the State farms in the north of France, famous for its Disbley rams, and Disbley merinos. It will be open to all France; the pupils will serve an apprenticeship of two years, receiving a certificate at the end of this period, and 300 frc., the equivalent of their wages. They will attend lectures on all that belongs to the Ovine race, and will be instructed in reading, writing, and arithmetic. The Director will be M. Daubenton, the first authority on sheep in France. Other schools will be established in other parts of the Empire.

PREPARATION OF MANURES.

In Paris there are no dust-bins—the kitchen refuse is thrown into the street after sunset, and removed in the morning by the contractor's carts as manure. The night-soil is collected according to three systems—in a reservoir, which is pumped out periodically, and conveyed in large barrels to the suburbs, where it is made into *poudrette*, and sold for 5 frc. per 22 gallons, or sold in its liquid state. It is also collected in iron cylinders or small strong barrels hermetically closed with plaster of Paris. The same companies prepare sulphate of ammonia, and animal black from the carcasses of deceased animals, sell dried blood, horn clippings, etc. Well, a company from Brussels is in course of formation to buy up all these systems and completely revolutionize the water-closet system of the city—two thousand tuns of fecal matters being daily removed from Paris.

LOAN'S TO TENANTS—STOCK, ETC.

Proprietors in France, can at any time receive by means of a society in Paris, loans on two-thirds of the value of their property, at three and four per cent, repayable over a long series of years. In the centre of the Empire, as well as other parts, where the land is poor, the proprietor furnishes the dead stock for a farm, and divides the profits with his tenant. This is called the *Metayer* system—somewhat analogous to what exists, as we shall see, in Russia, but in every other way reprehensible. The tenant has no self-interest, no independence. It is an ingenious plan of "grinding" on both sides.

BEET ROOT SUGAR.

Since Napoleon's celebrated decrees at Berlin in 1802, enforcing and encouraging its cultivation, so as to be independent of the English Colonies, the manufacture of beet root sugar and brandy, has made rapid strides in the western and north-western districts; upward of 200,000 tuns of sugar alone are annually manufactured. Well, the Society of Parde-Calais, will hold a show of beet-root on the 9th of October next, to make known the best kind of root, to cultivate, the best manures, and the most suitable soils. Specimens of the worst, the average, and the best roots are to be presented, with a careful history of the soil, the the chemical manures employed, and the saccharine richness of the root.

WORLD'S FAIR IN RUSSIA IN 1870.

Russia it is rumored, will have an agricultural Exhibition next year, open to all the world. Implements, beasts, etc. sent for show, will be bought in by the government at a price fixed on beforehand. All expenses of transit will be paid in advance. Odessa has recently had a trial of steam plows, (English) and mowing machines, (American,) with the most happy results. Southern Russia, and its rich wheat lands cry aloud for cheap labor, where the population already sparse, is reduced in its effects, by the demands of the Greek Church, which on the average, admits not more than twenty workable days per month. In France there are no vacations—from two o'clock on Sunday, is the only holiday almost.

MORMON EMIGRATION—SILK CULTURE, ETC.

The Mormons have been making great efforts to induce emigration from the wine growing districts of France, and with success, and California is now doing the same in the silk growing districts. America is going in very heavily for wine and silk; California silk is at present being exhibited in Paris of an excellent quality, and cocoons are supplied to France from California, (as Italy imports from Japan) and has proved the best remedy for the "disease." What will France do, when the Cape and Australia, really bestir themselves?

Professor Cantoni of Turin, is engaged in a series of interesting experiments, of which I shall duly inform you, of the relation between the temperature of the soil and the air; between the roots of a plant and its stem, especially as takes place during the process of irrigation. But these, and other points I reserve for "continuation in our next."

VINEYARDS OF FRANCE—CEREALS, ETC.

In 1788, the area of the vineyards in France was 2,325,411 acres; at present, there are 5,682,353. The mean average yield of wine is 308 gallons per acre, valued at one franc the gallon in the Bordeaux district; the yield is about one-third more in monetary value, in Burgundy, and double, in Champagne. The mean average produce of wheat is, per acre 19 bushels; marlin 22; rye 18; barley 24; maize 19; buckwheat 19; and oats 30. Plowmen receive 500 francs a year wages, with board, and laborers from one to two francs per day.

HORTICULTURE AND FLORICULTURE.

Horticulture has been truthfully described as the laboratory of the fields. In France, the garden does much for the farm in the way of experiment, in the testing of new varieties of farm plants. Much preparation is being made by French horticulturists, for the forthcoming Horticultural Show at St. Petersburg in May, on the fifteenth of that month according to the Russian calendar. The Czar does everything on a grand scale, and the prizes to be awarded will be valuable. Every cheap facility will be afforded, to exhibitors from all parts of the world, and the "exhibits" will be bought in. Hamburg opens its International Horticultural Show in September, and promises to be the first of its kind. A good practice is growing up in France, that of wealthy proprietors delivering gratuitous lectures on horticulture, and its principal branches. Petroleum is largely employed to heat hot-house boilers, as well as coal gas, etc., and *portable* boilers, of an economical construction are generally preferred. A beautiful prelargonium has been brought out, called Madame Ronher, wife of the First Minister of the Crown, to whom it has been dedicated. The *hydrangea otaksa* is much sought after; it is very ornamental, pottable, and easily propagated. Plants raised in the open air have a brighter shade than those raised in a hot-house. The name Otaksa, is taken from the daughter of the gentleman who introduced it from Japan. The peach trees in the vacinity of Paris, were very sickly during the past season. Microscopical examinations showed that the malady sprung from fungi. It is common in France for amateurs to make an exchange of roots and seeds; addresses of such shall be furnished from time to time. The rose and camelia "crops" never were so plentiful in Paris, and the violets are as abundant and as welcome as the flowers of May.

C. F.

GONE TO BED.

An eminently good man thus wrote on hearing of the death of a child:—"Sweet thing, and is he so quickly laid to sleep? Happy he! Though we shall have no more the pleasure of his lisping and laughing, he shall have no more the pain of crying, nor of being sick, nor of dying. Tell my dear sister, that she is now so much more akin to the world; and this will be quickly passed to us all. John is but gone an hour or two earlier to bed, as children used to do, and we are very soon to follow. And the more we put off the love of this present world, and all things superfluous, beforehand, we shall have the less to do when we lie down."

THE PREMIUM CLIPPER MOWER.

OUR ILLUSTRATION.

We give our readers this week the CLIPPER MOWER as advertised by Messrs. D N. Hawley & Co., of our city.

This Illustration makes some half a dozen various Mowers we have illustrated for the benefit of our Farmers, and we hope they will use careful examinations of all Implements always, and never spare the cost when the BEST IMPLEMENTS are to be had.

It is not for us to decide for the Farmer what Implements he shall use; he must be his own best judge. *We* endeavor to lay before them all the very best Implements known, and they can decide.

We give above the Clipper Mower of Messrs. D. N. Hawley & Co. who are among the oldest Agricultural Houses on this Coast—now nearly *twenty years* as Business men, and always commanding the respect and confidence of their patrons. They have as will be seen by their new advertisement received a large invoice of Implements to which hey ask the special attention of the Farmers of our State.

THE SIAMESE TWINS.—A PROTEST.

[We copy the following excellent article upon the unfortunate *Siamese Twins* from the London *Telegraph*, and we are glad a wise and better action will be had everywhere in regard to the outrageous custom which has so long prevailed of making an *Exhibition* of every poor deformed *Human Creature*, or *monstrous animal*, and it is to be regretted too, that newspapers that claim to be respectable, will so often publish elaborate descriptions of these deformitiver, enough to make the delicate and sensitive shudder.

It is high time our Medical men, and our Authorities, should take action to have all such deformities kept from public view—they never do good but often great evil.—ED. FARMER.]

Says the *London Telegraph*:

We protest against a renewed exhibition of the Siamese twins. The shadow of a horrible destiny hangs over them; since, unless science dares to promise their deliverance, and to execute the promise with a bold and skilful knife, the day must come when one brother living will be bound to the other dead, and instead of an operation to which they shall mutually agree, one moiety of the double man must be lopped away to save the other—if, indeed the operation do not prove fatal to that other. Is it endurable, then, that the decency and humanity of London should be outraged by such an exhibition as that which has been announced? When the twins were last made objects of show, they were young; the thing was new to the public; they, themselves were contented with their fate, because there seemed to be no hope of severance. Besides, the generation which first saw them differed greatly in taste and morals from the present. In no case, and at no time, should such examples of broken physical laws be made a vulgar spectacle. As well expose to idle or diseased curiosity the hideous cases of the hospital operating table, or open to foolish gazers the dissecting rooms of medical colleges, as flaunt in the face of the public these sad aberrations from the divine form of man. But to do such a thing at a time when the poor souls have emerged from their bidding-place, and are on their way from surgeon to surgeon, praying for some one daring enough to save them, at the risk of death, from the "death of life" which threatens them—this appears a cold-blooded contempt for all that is reverent, all that is pitiful, all that is ordinarily human; and the scheme of exhibition is so gross and disgusting that immediate steps will doubtless be taken to forbid a speculation so abominable.—*London Telegraph.*

POTATO CULTURE.

The principal cultivation of the potato consists in keeping the soil loose and free from weeds.—Whatever process accomplishes these points best and cheapest is the best cultivation. As soon as the potato vines appear above ground, a furrow with a small plow should be plowed away from the rows as close to the potatoes as possible.—About two weeks after this a furrow with the double moldboard plow, is opened in the centre between every two rows, and repeated every two or three weeks afterward, until the vines cover the ground. If the field is very weedy and the plow does not destroy all the weeds, it is necessary to go over the ground after each plowing and hoe up the weeds left by the plow, and also uncover vines occasionally covered by the plow.—After the plowing has been discontinued a very important part of the cultivation commences. In order to obtain a full crop, there should not be at any time, a single weed be visible in the field, and all weeds growing after the last plowing should be pulled by hand. After a rain, when the soil is light and loose, is an excellent time for weeding potatoes, and it should have the preference before any other farm work. The time required is but very little compared with the advantage gained. The labor saved in digging in a clear field is more than is required to pull the weeds when they are small, not to add the increase of the crop. We have raised large crops without the use of the hoe, by simply plowing three times and pulling the weeds twice. When potatoes are planted late, so that the ground can be plowed twice before planting, this is probably the cheapest way to raise the crop.

Had I to make a selection of six varieties to plant for marketing, I would choose, for early:

Early Rose, because it is the earliest and best early variety, having yielded 264 bushels per acre.

Early Goodrich, which, although it has not succeeded well in the last wet season, is, when grown under favorable conditions, of excellent quality, of good size, shape, and color, productive and free from disease.

For medium or main crops:

Harrison, because it is the most productive and most profitable table potato in existence; of white skin and flesh, large size, fair quality, and entirely free from disease. Yield, 389 bushels per acre. Throughout the whole extent of our country, no potato has given more unanimous satisfaction than this variety.

Lapstone Kidney, for its beautiful shape and appearance. It succeeds in soils where the Prince Albert has failed. It is an excellent baking potato, and by many preferred to any other.

For late:

White Peachblow, because it is, when matured, the most sought-for potato in market, unequaled by any other variety for its mealiness. The growing of the White Peachblow has made many a farmer rich, and favorable seasons will no doubt improve it again, as they have improved other varieties.

Gleason, for its hardiness. It is a surer crop than any other potato. Be the season wet or dry, be the land manured with fresh manure or old, or none at all used, the Gleason is certain to grow, if it is planted early enough and well cultivated. True, its quality is not first-rate when dug, but it improves by keeping, and is quite acceptable if kept till April, when other varieties are no more fit for the table.

Should I choose six varieties, in addition to those characterized, I would name: Early Cottage, Dykeman, Garnet Chili, Orono, Calico, and Andes.

LETTERS FROM AN OLD CALIFORNIAN AT THE EAST.

NUMBER NINETY-NINE.

NEW YORK, March 7, 1869.

Editor California Farmer:—

THE PRESIDENT'S INAUGERAL.

The wretched imitation of Washington's honored Farewell Address, which an accidental President presented to the American people, was in singular contrast to the sharp, clear words of Grant's inaugeral. The Cabinet appointments which at first caused great surprise, apart from that of Washburne, are regarded with great favor, as indicating that the demons of corruption must take their flight from the Capitol. Let us hope that they may be banished forever. The morning of March 4th was glowing in the extreme; the afternoon was bright, and the sun shone out magnificently. May it typify the Future. I have never seen a pleasanter sight than the satisfaction in the faces of people I met; everybody, even the followers of the Tory leaders, speak hopefully of the "good times" which are coming. Washburne's course in the House makes him particularly acceptable to those who are expecting a thorough reform. Alex. T. Stewart is known here to be a man of ceaseless industry, and not only is he comprehensive in his views, but he is attentive to the smallest details of business. He has been remarkably fortunate as a merchant. When his name was announced as Secretary of the Treasury, gold fell; securities went up. This effect shows how the business men of the country regard him.

THE PACIFIC RAILROAD.

The newspapers are discussing the Pacific Railroad. The accounts from travellers who have come across the continent are damaging in the extreme, to both the Central Pacific and Union Pacific Companies. Of our friends, Mr. T. E. Smith and wife started a week ago overland, but I fear that they will be compelled to turn back.

REAL ESTATE—BUSINESS MATTERS, ETC.

Much excitement prevails here as to Real Estate. Business is driving the aristocracy from Fifth avenue, below 34th street, and in consequence it is regarded as quite sure, that in a few years they will all be compelled to look out for new houses. Apparently it is the unanimous opinion that the land situated between the Hudson River and the Central Park, will hereafter be the fashionable quarter, and there is a great scramble for choice lots. At present the land is occupied by squatters (who are here harmless,) or by the old families who settled upon the land when it was "in the country." Your readers can form some idea of its value when they are told, that a corner lot on 71st street and Eighth avenue sold for nearly thirty thousand dollars, the lot only 25x100. Lots in the middle of the block brought from $7,000 to $10,000. This property, however, is all located on high ground, and there are comparatively few lots between the great park and the river. The boulevard is being rapidly constructed and will be completed in a couple of years. If any person with money wishes to buy cheap, he can purchase elegant houses and lots over in East Broadway and Henry streets at less prices than the houses could be erected for. Yet this was formerly the fashionable quarter. I noticed yesterday the sale of an elegant house and lot in Rutgers Place, 23x110 for $14,000! I expect that surer fortunes can be made in buying land at the South, than in any other way. It requires, however, great knowledge of the country and a clear judgement, that few people posess. Much interest is felt in the news from the White Pine district, and it seems quite sure that numbers of young men will "try their luck" in that direction, as soon as the spring fairly opens. Unless there is a better account of the Pacific Railroad, however, it will cause many who could take advantage of it, to look elsewhere for "chances." If the managers of the Union Pacific and Central Pacific Companies have swindled the people of the United States, they will pay dearly for their success.

M. A. S.

PLANT THE NEW POTATOES.

The remarkably moist season and the continuance of the rains will give to all who desire to secure the *New Kind of Potatoes*, to plant during all this month, and in some places even during the entire month of May.

We would particularly urge upon all who may plant the "Early Rose," the "Goodrich," the "Harrison," the "Chili," and others, to be careful and save all their *Seed-Balls*, from which they can spring new and valuable varieties, that being raised from *Seed*, are indeed NEW CALIFORNIA POTATOES.

As a matter of business and pecuniary gain, it is very certain that those who shall raise the 'Early Rose," and the "Goodrich," will receive a very handsome recompense, as the product of both these varieties are very great, and both will be in great demand another year. We can therefore recommend these kinds as a good, perhaps the best investment that can be made, even better than mining stocks.

Agriculture.

LITTLE BROWN HANDS.

They drive home the cows from the pasture,
Up through the long shady lane,
Where the quail whistles loud in the wheat-fields,
That are yellow with ripening grain.
They find, in the thick waving grasses,
Where the scarlet-lipped strawberry grows;
They gather the earliest snow-drops,
And the first crimson buds of the rose.

They toss the new hay in the meadow;
They gather the elder-bloom white;
They find where the dusky grapes purple
In the soft-tinted October light.
They know where the apples hang ripest,
And are sweeter than Italys wines;
They know where the fruit hangs the thickest
On the long, thorny blackberry vines.

They gather the delicate sea-weeds,
And build tiny castles of sand;
They pick up the beautiful sea-shells—
Fairy barks that have drifted to land.
They wave from the tall, rocking tree-tops,
Where the oriole's hammock nest swings,
And at night-time are folded in slumber
By a song that a fond mother sings.

Those who toil bravely are strongest;
The humble and poor become great;
And from those brown-handed children
Shall grow mighty rulers of state.
The pen of the author and statesman—
The noble and wise of the land—
The sword and the chisel and palett,
Shall be held in the little brown hand.

SUGAR PRODUCING PLANTS.

[We take the above chapter of facts, collected and sent out in the little book by Hedges, on Sugar producing plants for the North. Californians should make use of this valuable information.—Ed. Farmer.]

There are a variety of sugar-producing plants, among which is the sugar cane of the tropics, technically called "*Saccharum Officinarum*." "This sugar-cane is an herbaceous plant, possessing a jointed, succulent root, from which arise several shining, jointed, solid stems, from an inch to two inches in diameter, and from six to twelve feet high, and containing a white and juicy pith. The color of the stem is yellow, greenish yellow, purple, or striped. The joints are about three inches apart, and give origin to the leaves which embrace the stem at their base, are three or four feet long, and about an inch wide, flat, acuminate, longitudinally striated, furnished with a white midrib, glabrous, finely dentate, and of a green color inclining to yellow. The flowers are pinkish, surrounded by a long silky down, and disposed in a large terminal, nearly pyramidal pinnacle, composed of subdivided spikes, and two or three feet in length. The plant has a general resemblance to Indian corn. Four varieties are mentioned: 1st. The common, with a yellow stem. 2d. The purple, with a purple stem and richer juice. 3d. The gigantic, with a very large, light-colored stem, and 4th. The Otaheitan, which was introduced into the West Indies from the Island of Tahita (Otaheite), by Bougainville and Bligh, and is distinguished by its greater bigbth, the longer intervals between its joints, and by the greater length of the hairs which surround the flowers.

"The sugar-cane is cultivated by cuttings, which are planted in rows, and which, by giving rise to successive shoots, furnish five or six crops before the plants require to be renewed. At the end of a year the plant generally flowers, and in four or five months afterward the canes are completely ripe, at which time they have a yellowish color and contain a sweet, viscid juice. The quantity of sugar which they yield is variable. According to Avequin, of New Orleans, the proportion of cane sugar in the recent stalk is about 10 per cent; of uncrystallizable sugar, from 3½ to 4 per cent. Cane juice is usually stated to contain from 17 to 23 per cent. of crystallizable sugar, though scarcely 7 per cent. is extracted in practice."

The sugar-beet affords a sugar only slightly inferior to the regular cane, although a product of our latitude on this Continent, but several degrees north of us upon the Eastern hemisphere. The "Holcus saccharatus" or Sorgho* sugar-canes are the product of a climate further from the equator. A traveler in Thibit and Tartary, M. Hue, says: "The brandies of the North are made principally with a large millet (*Holcus Sorghum*)." We may infer that this is of the Sorgho genus, and of a latitude still above our own. The name, Holcus sorghum, occurring in parenthesis and in italics, indicates that it was of his own substitution, as his travels were prior to the introduction of the Sorgho into France, but the publication subsequent thereto.

The Imphees, or African varieties of the Sorgho, are from the country of the Zulu-Kaffirs, in latitude 30° south. This country is situated in front of a long range of high mountains on the west, which, no doubt, exert much influence upon the climate of the country in front of it—the same as upon our south-eastern coast. It is believed by many that there is, yet farther back upon the base of this mountain-range, a cane still better adapted to our climate. Of these varieties introduced by Leonard Wray, Esq., there is a great difference in the period of their maturity, only a few, however, early enough to insure good results in our latitude and climate. From these latter, in favorable seasons, a tolerable fair sugar may be made.

* By the term Sorgho, I include all the varieties of this genus, Chinese and African.

POTATOES AND THEIR ORIGIN.

Long may we remember with gratitude the great and rare discovery of Sir Frances Drake, who claims to have discovered in the wilds of South America the potato. This was seven years prior to Sir Walter Raleigh's expidition. He (Sir Walter) is believed to have planted at Youghall in July, 1587, the first potatoes ever grown in the British Empire, and from these few the country was furnished with seed. The patent passed the great seal in 1754. A scientific gentlemen named Hercot, who was also one of the explorers, describes under the head of roots those called in Virginia open ark. The potato when first discovered was diminutive in comparison to the present growth; and as the handful of fragments that fed the vast multitude, so the few scattered roots gathered by lone explorers have increased till millions now banquet. Well may we herald His name with gratitude and bless the Hand that led ambitious wanderers to the distant wilds where lay hidden such rare treasures—such great blessings. We acknowledge the potato superior to all the root kingdom. They are harmless, nutritious, and wholesome. Active as a medicine, healing to the afflicted, indispensible to the cook, fragrant and tempting to the epicure, and can be shaped into almost every dish. They are inviting, from the most dainty preparation, down to their original selves, wrapped in their ragged coats.

WASHING THE FACE AND HANDS.

Is performed by millions every day, and yet perhaps not a dozen in a million will do it right.—The common practice is to take a basin of cold water, catch up a double handful of water, dash it into the face and rub it vigorously, thus rubbing all the matters of the soiled hands which have accumulated during the night into the skin of the face.

It is a great luxury to wash the hands thoroughly and well with soap and warm water among the very last things on going to bed at night. The cleanliest person will often find that a tea-cupful of warm water will be soiled by the operation, and the same will again occur the first thing in the morning, since in addition to adventitious causes there is during sleep an exudation of an oily substance through the pores of the skin, and to this floating dust of the rooms, furniture and clothing will adhere.

It is one of the inestimable blessings of city life that both warm and cold water are at hand at all hours, day and night.

Take a tea-cupful of warm water, not more, and with soap make a lather, with which wash the hands thoroughly, not forgetting under the ends of the finger-nails, and dabble in the water until every particle of accumulation is removed. This is better than to use a brush, because the hard bristles will irritate and harden the tender skin under the ends of the finger-nails. Scraping out the dust with a pen-knife is an excusable violence and an indecency, too, when done in company.—Next rince the hands in an abundance of water until all the soap is thoroughly removed. The face may then be washed in another supply of water, warm or cold, according to the taste of the individual: Warm water is better, as it dissolves more readily any accumulations about the eyes or ears, and then with an instantaneous rinsing o the face in cold water, the work is done; and then your hands and face are clean enough to pat the face and kiss the cheek of the one you love best as a morning salutation.—*Hall's Journal of Health.*

Glue which will Unite even Polished Steel.—A Turkish receipt for a cement used to fasten diamonds and other precious stones to metalic surface, and which is said to strongly unite even surfaces of polished steel, although exposed to moisture, is as follows:

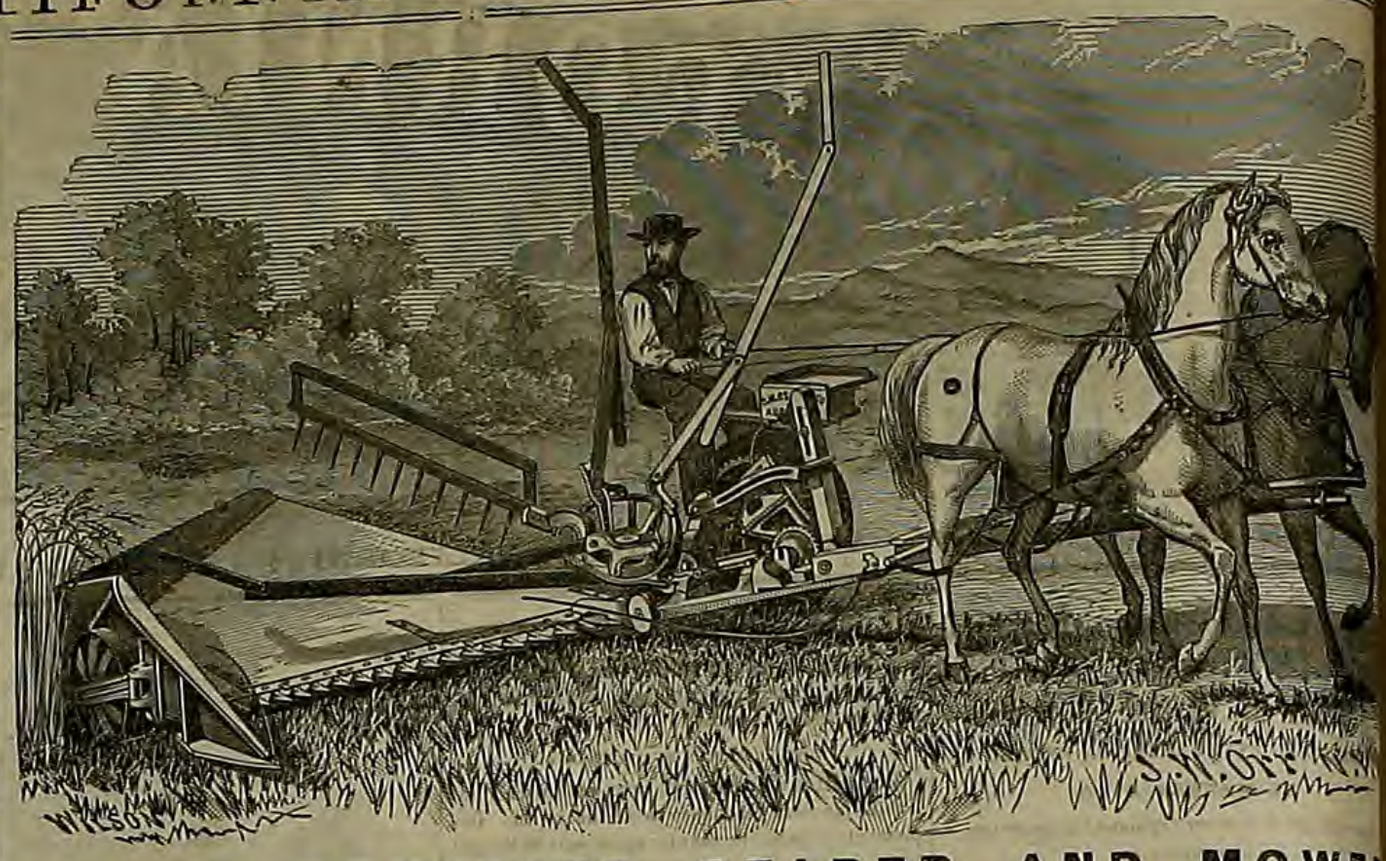
"Dissolve five or six bits of gum mastic, each of the size of a large pea, in as much spirits of wine as will suffice to render it liquid. In another vessel, dissolve in brandy as much isinglass, previously softened in water, as will make a two-ounce vial of strong glue, adding two small bits of gum ammoniac, which must be rubbed until dissolved. Then mix the whole with heat. Keep in a vial closely stopped. When it is to be used, set the vial in boiling water.

A Quaker's Horse.—When the 2d Indiana Cavalry Regiment was originally recruited, it was in want of horses, which the government could not supply. A certain Quaker gentleman was applied to among others, to furnish a horse for the good of the cause to which it was known he was in heart and soul devoted; whereupon he replied to the Colonel: "Thou knowest we are opposed in principle to war; but those five horses in yonder meadow are mine, and if one is missed in the morning I shall not inquire about it."

ASPARAGUS.

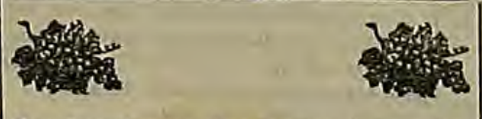
Well! will you buy the *White* Asparagus that is absolutely *poisonous*, and of which you can only use *one-fourth* in weight of what you purchase, or will you buy the *natural esculent* that is green, tender, melting and rich, and of which you can eat seven-eights of the amount purchased; besides there is more nourishment and palatable food in *one pound* of the Green Asparagus than in *ten pounds* of the White.

—There are at present in the State of Illinois eighty-seven wool-carding mills, and one hundred and thirty-three manufactories of woolens, with a capital of $3,600,000 invested in buildings and machinery, and employing 3,450 operators, one-fourth of whom are women, and consuming annually 4,000,000 pounds of the 7,000,000 pounds of the wool clipped from over 2,500,000 sheep. The investment of capital is steadily increasing.



KIRBY'S COMBINED REAPER AND MOWER
WITH COMBINED SELF-RAKE AND REEL
TWO COMBINATIONS IN ONE MACHINE
This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good Mowers, there are very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose.
"MONITOR"
Self Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.
It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers on the Pacific Coast, who are successfully using them this year, can testify.
The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.
We shall keep a large supply of EXTRAS of all kinds on hand.
The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self Rake on it, than it is to carry a man to rake off, and the grain are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain.
By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle which operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform, then the Rake, of its own accord, will sweep it off.
This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the other in the axle plate, where the joint or independent action is obtained.
This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.
TREADWELL & CO.,
Sole Agents for the Pacific Coast
30-22—no1

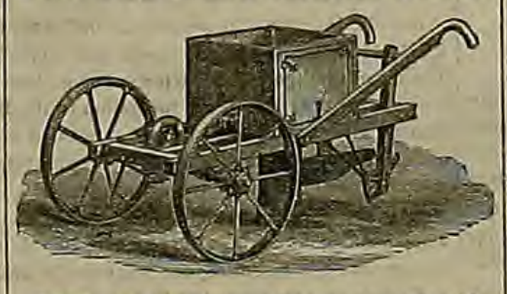
CAUTION!
A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY Incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company Incorporated under the laws of California. SUCH A COMPANY IS THE
PACIFIC MUTUAL LIFE INSURANCE COMPANY!
OF (SACRAMENTO) CALIFORNIA,
37 and 39 SECOND STREET,
SACRAMENTO.
LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.



New Strawberries, Raspberries, Grapes &c
We have just received an invoice of New Strawberries, Raspberries, Blackberries, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:
Blackberries—THE KITTATINY, WILSON'S EARLY.
Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.
Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.
New Grapes—TEN VARIETIES New Grapes.
As the amount of these new and rare things is limited, early orders only will secure them. Address
WARREN & CO.
Farmer Office

EARLY COODRICH POTATO.
Important to Market Gardeners and the Agricultural Public.
The Undersigned, having growing and tested the above Potato for two seasons, have no hesitation in pronouncing it far superior to any other grown on this coast, for an early Potato, and now offer it for sale. It is very early (from three to four weeks earlier than any other) good size, white skin, smooth eyes, white flesh, of superior table quality, and very productive.
L. F. or F. SANDERSON, San Jose, Cal.
Agents in San Francisco—GRIFFITH & ELLIS, No 225 Washington street, one door below Front; and G. F SILVESTER, No. 317 Washington street. 30-12.

TRUE'S IMPROVED POTATO PLANTER.



This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.
It Saves the Labor of 12 Men in Planting Time.
Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed
No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.
This distinguishes the Potato Planter from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.
The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.
We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it
Particulars and Catalogues can be had at our office.
WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,
(Successors to L. B. Benchley & Co.)
No. 3 and 5 Front street near Market,
SAN FRANCISCO,
IMPORTERS
—AND—
JOBBERS
OF
AMERICAN, ENGLISH AND GERMAN
HARDWARE & CUTLERY,
Agricultural and Mining Tools,
ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the
GERRISH
Submerged and Double Acting
FORCE PUMPS.
Patented by J. A. Morrell, October 29th, 1867.
THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.
Agents wanted for this Coast
County Rights for sale.
30 63m

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE
To any wealthy person who desires to retire from the drudgery of a business life in the city and enter upon a newer and better and higher life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have a little of business to occupy his mind and his time, and at the same time secure to himself
A PRINCELY HOME
And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this property and gathering the products. Such a place as I had, already complete to the taste, and in one of the most healthy localities in our State.
This place is now offered for sale, only because of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Gardens of Eden with all manner of luscious fruits, and which with a judicious care and management, the entire cost of the place could be returned again in a few years *by its productions*, can learn of the owner by applying to the Editor of the Farmer. No person need apply unless with the means to fulfill contract.
Real Estate, or other property, in San Francisco at Gold Value, will be received in part payment and *Statistical proof given* to show the real increase annually of this rich and fertile spot.
Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO.

THE PHOTOSCOPIC Table Company.
THE NEW INVENTION of this Company is known as the Anthrophotoscopic, or "Photoscopic" Table, designed to give a Life effect to every picture placed on the table.
THIS INVENTION enlarges and perfects the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Engraving.
THE GRAND OBJECT OF THE INVENTION of this wonderful table is to present a real size of Pictures from 100 to 500, and thus give an opportunity to group Families entire; and also groups of friends, collections of noted individuals, or grand landscapes, giving a grand Panorama of choice pictures, arranged to suit the wishes and taste of each owner of the table.
THESE INSTRUMENTS are made in the latest style so as to be a beautiful parlor ornament, the best in the parlor, made of our own beautiful woods, and highly finished, and in price from $100 to $125.
Those who desire to purchase, can see one of the Tables by calling at the Farmer Office, or address
EDITOR FARMER.

Horticulture.

AMONG THE ORANGES.

The St. Augustine *Examiner*, of a recent date, thus speaks of the *Orange Groves* of that Sunny land:

"We are now at the Orange Grove. In this place we have the distinct seasons of flowering in March and the fully ripened fruit in November, but a little farther south, in the Indian River Country, the same tree often contains flowers, green fruit, and fully ripe fruit, at the same time, and it is said if the old fruit remain upon the tree from one season to the next, after being dry and spongy in the summer, it again fills with juice at the ripening season.

This is one of the most singular botanical facts related of any tree. Another remarkable fact in regard to them is, that they can be transplanted at any age, even very old trees.

The best transplanting seasons are December and June, on account of the frequent rains. The latter month is particularly our "Rainy Season," of which we hear so much in tropical countries. Every day a refreshing shower is expected to gladden the potato planters.

The sour orange and the bitter-sweet grow wild throughout this part of the country. The sour orange, whose rind is bitter and pulp intensely sour, I suppose you do not fancy, though the drink made from it is considered quite as good as lemonade, which it resembles. The children are very fond of eating them with salt, which deprives them of some of their sharpness.

Orange wine, made from their fermented juice, combined with a large proportion of sugar and water, is considered by some to be very fine. But the best we have had the pleasure of tasting resembles flat sauterne. The quantity of sugar, which of course ferments and gives its proportion of alcohol, deprives the orange juice of all credit it would have as a wine-making product.

The juice has, however, been extracted, barrelled and sent to Cuba, where it brings a good price. The oil of the peel, rising to the top and protecting and preserving the acid for a long time. It has been a question with speculators if the great numbers of these oranges might not be applied to some profitable use.

However, we are discussing the sweet orange just now. There are several methods of rearing them. Many plant the seed and wait for the fruit from five to seven years. This is the long, slow way.

The best is to obtain sour orange trees of the proper size and bud them with sweet orange buds, in the same way peach trees are budded. The ordinary time of their bearing from the bud is three years; but there is a tree in Mr. George W. Atwood's grove, near the city, that produced oranges in a year from the bud. This is a remarkable case, and is said to be owing to the fact that a fruit bud was used instead of a leaf bud. If this is always the case, it certainly demands the attention of persons raising oranges. We have never tried it ourselves, so can only give it as second-hand.

The time for transplanting the sour trees is during the winter months. They are cut three to four feet from the ground at the time of taking up: During the summer months, shoots large enough to bud start out. Two or three of the best are selected, and the others rubbed off. The buds grow the first year and bear, as we have said, the third year from transplanting. By the fifth year a grove with proper care should bear one hundred to the tree, the number increasing every year after, giving to old trees the thousands we spoke of in our last Walk and Talk.

There are various opinions concerning the proper distance apart the trees should be planted, many insisting that twenty feet is the proper distance, and quite as many and as successful growers contending for ten feet. The great object is, that the trees shall be protected from the action of the winds, and when they are near, this is effected, though if they are protected by close hedges of cedar or sour orange, to the north and east, and have cross hedges, traversing the grove a greater distance apart will not injure them, but will give nutriment from the soil to each tree. Manuring the trees is always advantageous."

Curious Facts.—A single female house-fly produces in one season 20,000. Some female spiders produce nearly 2,000 eggs. About thirty fresh water springs are discovered under the sea, on the south of the Persian gulf. A wasp's nest usually contains 15,000 or 16,000 cells. The depth of the Atlantic ocean is estimated at three miles, and the Pacific at four miles. There are six or seven generations of gnats in the summer, and each lays 250 eggs. There are about 9,000 cells in a square foot of honey-comb. A swarm of bees contains from 10,000 to 20,000 in a natural state, and from 30,000 to 40,000 in a hive. The bones of birds are hollow, and filled with air instead of marrow. A cow eats 100 pounds of green food in the 24 hours, and yields 5 quarts of milk. Fish are common in the seas of Surinam with four eyes, which grow on the top of their heads. 2,000 silk worms produce one pound of silk, but it would require 27,000 spiders to produce one pound of web.

—A humorous note, which an American gentleman tossed into the English Channel seven months ago, inclosed in a bottle, has just been returned to his address, No. 356 Superior Street, Cleveland, Ohio, U. S. A. It was picked up at Worthing, near Brighton, England, after floating in the water three months. It was covered with barnacles.

Miscellaneous.

J. de Barth Shorb. Carlton Curtis.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. Wilson & Co. T. H. Morrow.
A. L. Chamberlin.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of
WILSON, MORROW & CHAMBERLIN,
will open in New York City about the first of November next, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

Messrs. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurious Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet 30-12.

---

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1857-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. *423 Jackson Street.*

C. CROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the Farmer Office.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address Editor Farmer.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as product of the extensive Ochards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-1 EDITOR FARMER.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY

State Agricultural Society, 1867,

TO THE

Natoma Vineyard:

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28 2

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer Office.*

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the Trees, Plants, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California Farmer.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

50,000,

Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the Farmer office,

Or address Editor Farmer.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

Thornless Raspberries.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The Thornless raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1869. John Gage

From the American Horticultural Annual, for 1868 page 102:

"Davison's Thornless.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicates, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are propagated from tips making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francisco

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most easonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the Farmer's circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO. Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
Farmer Office, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....APRIL 8, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

220 Clay Street.—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are open file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for one insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of *our Journal*, to which we would direct their *special* attention.]

Rail Road Excursion.—We acknowledge the reception of an invitation to the opening of the *first section* of the Southern Pacific Railroad, from San Francisco to Gilroy. We anticipate a very happy occasion and shall give full report of the same in our next.

Our *Farmers* and *Orchardists* will find valuable Essays on Fruit Culture, and on *Improved* systems of Agriculture, and on Sugar Plants, which we have collated from the best authorities for their interests.

The Two Clerks.—Young men who may chance to read this number of the *Farmer*, and who may be acting in the capacity of clerk, we commend the story in our Journal as worthy your special reading. There is *truth*, and there is the voice of warning in it also.

Let disobedient and ungrateful children read the Little Boy's Rebuke, in our Home Department, and ponder well its meaning. There are too many sad examples of this Ingratitude of children here in our fair sunny land, but never can such children ever prosper. Heaven has so ordained that the Sin of Ingratitude (the blackest of all crimes,) can never prosper.

We acknowledge a card of Invitation from Mess. Snow & Roos, for the private exhibition, to their New Gallery of Paintings, which is soon to be shown to the public at their place on Kearney St.

We would also call special attention to the article on the "Culture of the Potato," which we copy from the *Rural American*.

WORK IN THE GARDEN.

Now is the time to do good work in the "Home garden." The late rains will have moistened many gardens that had been neglected, and these will come as *merciful benefactors* to save beautiful Plants and Flowers. Now, go to work, dig deep and fine, pulverize lumps of earth, and then rake fine and finish up, and the flowers will bless your labor.

TO ORCHARDISTS EAST.

We call the attention of skillfull Orchardists in the old States, those who thoroughly understand the care of an Orchard and the culture, picking, packing and marketing of Fruits, to the Splendid Orchard and Vineyards we have for sale.

To such per sons as have *Capital and Experience* in this business, we can give them a sure chance to make an ample fortune in a few years.

Fruit raising when well conducted, must become more and more profitable each year, by reason of the *Markets* that will open to us at the East, and the facilities we shall have to send our Fruits there fresh and early over the Pacific Railroad.

We invite all who wish to enter into the Fruit trade on a large scale, to call and learn of the Splendid Orchards we have now for sale.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

RAMBLES IN THE COUNTRY.

NO. 4.

STOCKTON.

As promised in our last issue we gave a brief sketch of our visit to Stockton last week, to catch a glimse of the progress that city is making in comparison with others.

Our trip on the steamer was a pleasant one, where every attention and courtesy is paid to passengers to make them comfortable as possible on the *small* steamers now running on that route. It is to be hoped that larger and more commodious steamers will soon be placed on the Stockton route; for that region is very rapidly improving, and the increasing business demands larger and better steamers.

As we remarked last week, our "Headquarters" was at Webster Brothers' Pioneer Agricultural Warehouse, for there we can always meet the Farmers, from whom we gather the most important facts relative to the prosperity of our State, which is its

AGRICULTURE.

We met several of our well-to-do Farmers, quite a number too of our wise ones, who, taking the *Advice* given in the *California Farmer* all last year, did not "Hold On," but sold at good prices, and they now fell well and happy, and are resolved to sell when harvest comes this season too, whatever the advice of the Sacramento *Union* or the Stockton *Independent* may be, even to the contrary notwithstanding.

We met quite a number of Grain growers that still held grain; some had made sales that week at $1.47½ for wheat that they could have realized $1 65 *eight months ago*. Such losses should lead our Farmers to adopt the only safe policy, *Sell at Harvest.*

The Agriculture of the great San Joaquin Valley is far greater than has been estimated, and the crops are all in a most prosperous way. Mess. Webster Brothers are doing a large business, and have one of the largest and best assortments of Agricultural Implements in the country, and of the most approved kinds, and we are glad to notice that our Farmers are now growing wise, and using the *Best.*

The fires in Stockton during the last two years, proved beneficial, clearing away many old buildings which are now replaced by substantial and some elegant structures, giving a handsome look to the streets.

We were glad to note that the Authorities are putting their "Public Square" in good order, pruning shrubbery, cleaning walks, cutting lawn, etc. It needed attention, and the improvements will pay.

We noticed quite a heavy stock of Grain in several of the Commission Stores, and more at the Flouring Mills, yet a liberal quantity is shipped away from Stockton almost daily.

The City Mills (Sperry & Co.) have done a fine business this year. Their Flour ranks high both at home and in the East. The Foundry is also doing a prosperous business; and Lumber Yards are full of business, as large amounts are wanted for New Buildings going up everywhere, and lands are being fenced, and many improvements generally.

We visited the large workshops of Matteson & Williamson, who are now running full handed, making a "New Harvester," said to be of very great merit, and costing from $1,000 to $1,200 each.

Mr. Matteson is an old Pioneer Plow Maker, and has monster Plows that require 12 to 14 yoke of oxen or horses to draw them. They are for road purposes.

Matteson & Williamson are making a large number of their famous "Hay Forks" and Waggons. Their business requires from 20 to 30 hands all the time, and we are glad to note their well deserved prosperity. *Industry must prosper.*

We were pleased to visit the new, spacious and very handsome Carriage Manufactory, recently erected by William P. Miller, Esq. This is one of the best Establishments of the kind in all that region of country.

Mr. Miller has been many years in Stockton and has been noted for his famous Waggons, a kind no longer much wanted, since Railroads and Steamers take the freight.

By reason of the excellence of the work always done by Mr. Miller, his business has largely increased, and now Waggons, Buggies and Carriages of all of the very best style are manufactured by him, equal to any from the celebrated factories of the East, and better too, for they are made to answer our climate and the wants of our people.

The new Manufactary is some 50 feet square, three stories high, and furnished with all the most valuable working machinery for the business, by which *Labor is Saved.* There are some 8 or 10 other buildings connected with the main building for all the various branches of Carriage making, and here we saw some twenty or more men at work; we also examined several Carriages, Waggons and Buggies, all of which are a credit to our State, as well as to Mr. Miller who deserves the prosperity, which we are glad to see he has secured. We shall speak of these places again.

TULARE RAILROAD.

We met quite a number of citizens who are up and doing for this new Railroad to the Tulare Country. It is to be hoped they will not rest until the work is well completed. Our Farmers must take hold of this enterprize; they are interested *more* than any other class of people, for they need quick means to bring their produce to market. Our Farmers should *own all the Railroads, for they are built with the Farmers' money.*

When our Farmers shall take the lead in these matters and *build Railroads*, they will not cry out *Monopoly*, for they can control the Roads themselves, can fix the price of freight and passage, and if they make it high the dividends comes into *their own pockets*; if they put it low, *their own freight* will not cost them much.

Farmers! take hold of the Railroad. Build it and own it. You are amply able to do so. What say you Farmers?

The Banks in Stockton are doing a good business, doubling up their Capital and paying good dividends; and this is all owing to the success of the grand cause of Agriculture in that great Valley.

INSURANCE.

WEBSTER the great Lexicographer says *Insurance* is, *to make sure.* Now as we have often said, it is one thing to *hold* a "Policy of Insurance," and it is quite *another thing*, to MAKE SURE.

During the late excitement about the "Builders' Insurance Company" with the Insurance Commissioner, there was great fret and worriment among those who held Policies about which the newspapers were talking so much. Many people who held Policies questioned their value, and some became so reckless as to say, It was no use to Insure at all, as there was no knowing *which was good.*

That Insurance excitement did the public great good, and caused both Insurer and Insured to look into the *question of Insurance as a matter of business*, to the Insurer, to make it a *safe paying investment for Capital*, and to the Insured to be *safely Insured.*

The *Result* of that excitement, by and through the action of the Legislature, and the appointment of the *Commissioner*, the "Builders' Insurance Company" was reported to be *Insolvent*, and *went out* of business. Fortunately, the Policies were transferred to Solvent Companies, and are now good. Other Companies, after giving their business a careful scrutiny, found "it did'nt pay," and they gave up their Corporations. Since then, by a prompt action of those now among us, a wise and judicious system has been adopted of *Establishing Rates* just as low as *Safety* both the *Insurer* and the *Insured* will justify.

This course will at once convince all who wish to be *safely Insured*, that this is the only way to make a *Policy of Insurance good to the holder.*

If a course like that pursued by the "Builders'" recently had been continued by other Companies, many would have become bankrupt—for those who Insured *too low*, lost capital. Only those who pursued a wise course are now on high ground, with ample capital, and doing a large and very safe business; and without any disparagement to the many excellent Insurance Companies in our midst, we can point with pride to the PACIFIC INSURANCE COMPANY of our city, a Company that is composed of our solid men—a *California Insuranace Company*, one that with extra assets that can bear losses—whose rule is, RIGHT TO ALL, to the Insured and the Insurer; whose statements, now widely published, show a wisely managed business. To such an Institution we would direct our Farmers in the country, and say to them, go there at once and Insure your property, your Houses and your Barns, your Granaries and your Stock, your Implements and your Furniture, then, if the calamity of Fire comes you will not be left "Homeless and Penniless," but by the "Flash of the electric wire," the messenger will come from the Insurance Company, and soon your "Homes" will be restored, and your losses made good.

We have been very much surprised as we have travelled over our State, to find so many of our Farmers and Mechanics and private Citizens who are yet exposed to the danger of Fire. This is a risk a man who has not an abundance of this world's goods has no right to run, especially if he has a family. It is to be hoped that those who are now exposed to loss by fire, will at once *make all sure* by obtaining a Policy of Insurance.

We can add a strong fact as evidence of the excellent management of the "PACIFIC INSURANCE COMPANY," that its Stock now ranks the highest of any Insurance Co. on our Coast, bearing 27 per ct. Premium, and leaving large surplus assets in the treasury. This gives to those who Insure in this Company a full guarantee of perfect safety, and also ensures promptness in the payment of all losses even in cases where they are very large.

We ask, who then, will be so unwise, as to remain in danger of Ruin, and go to bed only to be disturbed with fear and anxiety that robs so many of the comfort of that "sweet restorer," sleep.

Reader! have you those loved ones whom to leave destitute would embitter your last hours?—Then go to day and secure an *Insurance Policy for their good.*

MURDERS—SUICIDES—CAUSALITIES.

The very large and really alarming increase of the sad and solemn events which are now daily heralded in our newspapers, should arouse public attention to this matter, and some effort should be made to stay this tide of Desolation and Ruin that falls upon so many families around us.

The *Terrors of the Earthquake* startled our whole city and State, even the *whole Pacific Coast*, yet the actual *loss of life* was very small—not so many deaths as have occurred in this city *in a single week* by carelessness, *Brothel fights*, or Drunken brawls in the *Licensed* under-ground Dance Cellars; and yet our "Chamber of Commerce" have spent time and money to devise a style of building that would *guard life.* Now if life is so valuable, why do not the "Chamber of Commerce" act boldly in regard to the *Murders, Suicides, and Calamities* that daily occur in our midst? We venture to say that in no other community, of equal size and population, are there so many of these calamities as with us.

Since writing the above, the sad event on Geary Street, and the still more calamitous one at Gold Hill, has cast a gloom over many household. Why so many sad and fearful events?

HAYING COMMENCED

By a letter received from one of the prominent Farmers, in the "Moore's Landing" District, near Antioch, we are informed that *Haying has already* begun, the MOWER is at work, and

We hope the fragrance of the new mown hay,
Will come with its balmy breath across the bay;
We love its odors. Oh! to *work* is play,
Among the Mowers and the new mown hay.

While speaking of the "Haying Season," it is well to remind our Farmers, that to make their labor *light* and their WORK PROFITABLE, they should be certain to secure the *very best implements* to work with.

Look to our advertising columns. You will always be certain to find the *very latest* and ONLY THE BEST advertised in the CALIFORNIA FARMER. We never advertise any but the best.

THE FARMERS PROSPECTS FOR 1869.

The present season is so very propitious that we can hardly refrain from writing a song of joy and GRATITUDE every week, hoping our Farmers will indeed, bless God for the prospect before them, but never let a murmur escape their lips, for never could the most selfish mortal planned *so well for himself* as God has arranged for him this present season.

We have so often repeated these sentiments, that this week in speaking, we gladly take an excellent article from our cotemporary, the "Commercial Herald and Market Review," of our city, which we give our readers as valuable information and fully supporting all the statements we have all along made as to the condition and prospects of the Farmer and Grain Grower.

The Review speaks as follows:

Never in the history of this State has there been a more prosperous and promising season for Farmers than the one just closing. We have had abundant rains just when they were needed; the area sown to wheat is very much larger than ever. It is estimated that the growing crop will yield over 10,000,000 centals for export, while Oregon promises to increase the volume by 2,000,000 centals more. An interior cotemporary * has the hardihood to predict that there will not be half a crop. Upon what ground this piece of vaticination is formed does not appear. Every time that journal foretold drought, it rained; when it prophesied a rise in prices, wheat and flour declined in all markets. Perhaps we shall be told that the season has been too wet; that the wheat is going to rot; that it will all run to stalk without heads; but all such apprehensions are not shared by the Farmers, whose only anxiety now is where to find a market. Our receipts of Breadstuffs for the first nine months of the current harvest year, have been, when reduced to a wheat basis, 6,070,000 centals, against 5,100,000 for the same period last year. For the first quarter of 1869 the shipments have been 1,366,000 centals, against 1,231,530 during the same period of 1868, showing a gain of 134,470 centals; but the prices realized have been much smaller. During the past three months our shipments of Breadstuffs to New York have fallen off 27,457 barrels of flour, and gained 6,832 centals of Wheat, as compared with the first three months of last year. To England we have sent 20,408 barrels of Flour less, and 119,551 centals of Wheat more. To China we sent 18,082 barrels of Flour more, and 1,600 centals of Wheat less. Rio de Janerio has taken 26,366 barrels of Flour more than in the first quarter of 1868. Our exports of Breadstuffs to this port have not been materially modified.

The returns for the first nine months of the passing harvest year are very suggestive, showing marked increase in Breadstuffs trade with some countries, and falling off in that with New York and England. New York took 40,604 barrels of Flour less, but 674,763 centals more of Wheat. England slackened her demands to the extent of 24,996 barrels of Flour, and 456,666 centals less of Wheat. On the other hand, China increased hers 11,167 barrels of Flour, and 37,826 centals of Wheat. This proves what we have often asserted, that Rice must give way before Wheat with the the spread of civilization. Australia made largely increased requisitions upon our Breadstuffs, taking 31,522 barrels of Flour, and 208,694 centals of Wheat more than in the first nine months of the harvest year of 1868. Rio de Janerio also became an excellent customer, increasing her requirements by 55,937 barrels of Flour, and 6,127 centals of Wheat. Under the head of "All Other Countries," in last year's tables, our exports amounted to 82,034 barrels of Flour, and 67,897 centals of Wheat. This includes Central America, Panama, Manila, Mauritius, Tahiti, Cape Town, Callao, Batavia, Spain, Montevideo, Valparaiso, Russian Arctic Possessions, and Singapore, which are specified this year, and to which we shipped 87,695 barrels of Flour, and 51,489 centals of Wheat—a gain of 5,661 barrels of Flour, and a loss of 16,408 centals of Wheat. The grand arregated shipments of Breadstuffs to all countries shows an increase of 38,853 barrels of Flour, and 444,480 centals of Wheat. Vineyards, Orchards, Gardens, and Pastures, all exhibit the most prosperous and thrifty condition. Farmers and stock raisers, Vineyard Proprietors, and Silk-worm breeders, are jubilant over the bright prospects for the largest yield of their respective interests ever yet realized in this State.

*We presume the Sacramento Union is meant. —ED. FARMER.

SEVENTH MECHANICS FAIR.

We have the circular of the Mechanics Institute, which announces their *seventh* Industrial Exhibition which will be held at their splendid Pavillion, commencing on the 14th day of September next and immediately after the close of the State Agricultural Fair.

It is the intention of the Management to invite contributions from abroad, and efforts will be made to have visitors and contributors from China, Japan, the Island of Mexico, Peru, Chili, etc.

We would suggest to the Board of Managers the great importance of sending out their Plans, Premiums, Regulations, so that the *Public* may know them and *prepare for the* Exhibition. The great error in our State, is the late period at which these plans are sent out—too late for many to prepare.

WHITE PINE! WHITE PINE!!

Still the fever rages, and to some, the Lunatic Asylum will be their Home instead of Palaces, and coveted millions. There are now in the aggregate over Two HUNDRED MILLIONS of Dollars, as the total of the Companies already formed, and *new ones* are daily added.

Well! Dog Days are coming, and people must *run mad!* There are always some that *will* do so—but—our motto is, "Let well enough alone."

—When a man and woman are made one by a clergyman, the question is, which is the one.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

We have received the *Sixth Annual Report* of the Trustees of the Massachusetts Agricultural College at Amherst, Mass. This Report is full of important and interesting matter, a portion of which we shall be most glad to publish, to aid by their examples of success, other colleges who seem to be groping their way in the dark.

The Massachusetts Agricultural College is now a success, and in a most prosperous condition.

We acknowledge the receipt of a few parcels of Seeds from Hon. Horace Capron, Commissioner of the Agricultural Department at Washington, D. C.

We are indebted to Hon. W. Higbee, M. C., for Volumes of Agricultural Reports for '67, for which we return thanks.

American Educational Monthly.—We have the late numbers of this valuable publication issued by J. W. Schemerhorn & Co., Bond Street, N. Y. This Monthly is devoted, as it purports to be, to the cause of *Education*, and contains many valuable essays upon all the most important subjects bearing upon Teachers, Schools, Books, etc. A valuable periodical for Teachers.

MAGAZINES.—We have received several copies of *Leisure Hours*, another new magazine, published by O'Dwyer & Co. of Pittsburgh, Pa. A pleasant magazine.

Bee-Keeping, Bee-Hives, etc.—We have a little volume by Jaspar Hogen of Albany, N. Y., on the subject of *Bees, Bee-Keeping*, and the "Eureka Hive." We shall examine the work and report.

Once a Month.—This happy little messenger of good tidings, comes to us regularly, and we peruse many good things from its cheering pages.

We have received the January and February numbers of the *New Monthly*, by George Husmann, Esq., the well known *Grape Culturist.*

This Monthly is to be devoted to Grape culture, and under the management of George Husmann and Charles H. Fring, will undoubtedly make a most successful Journal, as Grape culture is to become one of the most important interests of the country. We shall take early opportunity to cull from its pages.

Catalogue.—We have the new Catalogue of J. Cline, Esq., Nurseryman of Rochester, N. Y., containing his colored plates of new Strrwberries, Raspberries, and Grapes, and making a very handsome showing, giving 14 varieties of strawberries, and 2 of Raspberries.

Catalogue.—We have the new issue of R. J. Thomas & Co., Nurserymen of York, Pa. A good Catalogue, with lists of many new and valuable things worthy the attention of our nurserymen.

Catalogue.—From Vick's Gardens, Rochester, N. Y.

Catalogue.—From J. W. Kumerlee, Seedsman, Newark, N. J.

Catalogue.—From J. Vanderbilt & Brothers, Implement Makers, New York.

Catalogue.—From G. A. Dietz, Seedsman, and dealers in Seed Grains, Chambersburg, Pa.

Catalogue.—From L. D. Scott & Co., Fruit Growers, Huron, Ohio.

Catalogue.—From F. Trowbridge, Seedsman, Milford, Conn.

Catalogue.—From J. S. Houghton, of new Fruits, Philadelphia, Pa.

With numberless of others too many to notice this week.

PROSPEROUS RAINS.

We think the "Croakers" about the "Dry Seasons" in California will now *dry up*, for the late refreshing rains of last night and the prospect of more, must convince all that the *seasons of California* have indeed changed.

We have carefully noted and recorded enough to sustain us in our oft repeated declarations, that, according to the extended cultivation of the soil, so would our seasons become more humid and genial, giving us repeated showers during the seasons of our planting, and in the spring with summer showers and an occasional refreshing of Lightning and Thunder. These but the results of a wide cultivation of the soil and the settling up of the State, thus making more healthy, luxuriant, and prosperous.

[For the Farmer.]

WASHING MACHINES.

Now, Mr. Editor, I wish to ask through your paper, which Washing Machine is the best? Let those who have used them reply, as experience is what is needed to answer the question. I can say that the ECONOMY is truly the "Woman's Friend," from over four years experience I speak this. I learned to love it more, and more, as the time drew nigh that we must part.

I now, have the Pioneer and think it may be *better than no Machine.* But it surely is not equal to *Horner's Patent.* The ECONOMY, with a Wringer attached to it, not only saves time, but strengthens the lungs—is good for school boys to use.

Let others speak. ROSA.

Agriculture in Santa Barbara County.—Our Correspondent residing in that County have his word, and this in common with all in that vicinity, that the season was never better. He says of that section, March 11th:—

"This is a fine climate, and good soil; and that section can be made to "Bud and Blossom as the Rose." Fruit trees are beginning to bloom, the grass and early sown grain is "big enough

—Agricultural Fairs, Farmers' pretty dear

New Advertisements.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds of New Brunswick Oats, by Mail, for	1 00
4 Pounds of Sweedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
4 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed or	1 00
3 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.

FARMER OFFICE.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO.

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS.

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes,
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all the trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swath 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES,

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Old Stand, Cor. of California and Battery Sts.,

SAN FRANCISCO.

SPENCE & LENDRUM,

ap-7. Agents, San Jose.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*, Can obtain SUPERIOR SEED at the

FARMER OFFICE.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

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This is a well-known Standard Mower. So well known as not to require any special notice by us We warrant it to be Superior to any other Mower now offered for sale in this State.

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Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

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We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

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We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

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These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

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The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by gone* Implements, but keep up with the "Progressive Spirit of the Age."

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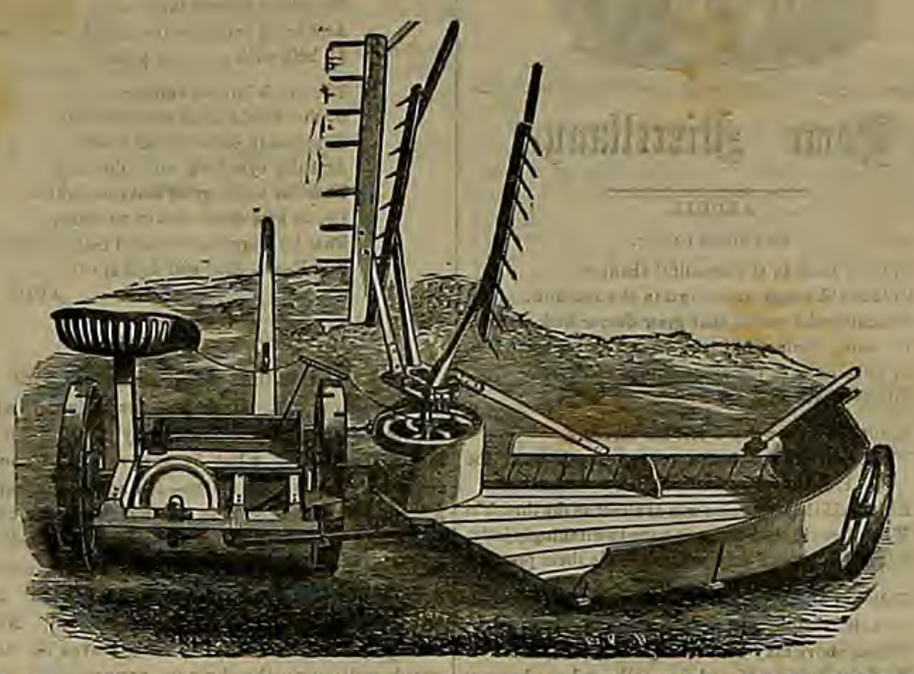

THE BUCKEYE IS THE BEST MOWER.

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A large number were sold last year, and the universal testimony was, that not one man in ten could rake the grain equal to the Buckeye Self-Raker.

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CELEBRATED SWEEPSTAKES THRASHER.

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HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

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The most Improved Rake in use.

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CORDIAL TONIC

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Wild Cherry Bitters.

TRADE **C. O. D.** MARK

This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for every disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

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Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

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31.12-3m.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

THE EARLY ROSE POTATO.

THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER, a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Seedsman, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato.

WARREN & CO.

Farmer Office.

THE NEW

OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.

Farmer Office.

100,000 Copies Sold of the Jubilate.

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SACRED MUSIC

For Choirs, Singing Schools, Musical Conventions, etc, by L. O Emerson, Author of the "Golden Wreath," "Merry Chimes," &c, is

The Best Book for Choirs.
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Suited to all Denominations—All Occasions—All Capacities.

IN ITS SINGING SCHOOL EXERCISES.
IN ITS GLEES, PART-SONGS, &c.
IN ITS ANTHEMS AND SENTENCES.
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IN ITS VARIETY OF HYMN TUNES.

Also by the same Author and designed for the same uses,

THE HARP OF JUDAH.

Of this 125,000 Copies have already been sold.

Price of each, $1 38. Sent post paid. A liberal discount made to Choirs and dealers.

OLIVER DITSON & Co, 277 Washington street, Boston.

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ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

Home Miscellany.

ARCHIE.

BY PHŒBE CAREY.

O, to be back in the beautiful shadow
Of that old maple-tree down in the meadow,
Watching the smiles that grew dearer and dearer,
Listening to lips that grew nearer and nearer;
O, to be back in the crimson-toped clover,
Sitting again with my Archie, my lover.

O, for the time when I felt his caresses
When up from my heart to my cheek went the blushes,
As he said that my voice was as sweet as the thrush's;
When he said that my eyes were bewitchingly jetty,
I told him 'twas only my love made them pretty,

Talk not of maiden reserve and of duty,
Or hide from my vision such wonderful beauty;
Pulses above may beat calmly and even—
We have been fashioned for earth, and not heaven;
Angels are perfect—I am but a woman;
Saints are passionless—Archie is human.

Talk not of heavenly, down-dropping blisses—
Can they fall on the brow like the rain of soft kisses?
Preach not the promise of priests and evangels,
Love-crowned, I ask not the crown of the angels;
All that the wall of pure-jasper encloses,
Makes not less lovely the white bridal roses.

Tell me, that when all this life shall be over,
I shall still love him, and he be my lover—
That in meadows far sweeter than clover or heather,
My Archie and I shall sit always together;
Loving eternally, wed ne'er to sever—
Then you may tell me of heaven forever.

LETTER FROM OUR LADY CORRESPONDENT.

JENNIE GREEN. CHAP. III.

A GLIMPSE AT GRAYSON.

When the sun was low in the East; and friends and companions had returned to their own homes, and Belle Gaye at the piano, made music to the echo of her own heart, and sang to herself.

Jennie sought the solitude of that chamber where years ago her beloved mother had slept herself to death.

With all the events of life, she was heart-sick, weary and lonesome. "Dear Father," seldom spared her a moment for conversation. The sunlight fell in broad bright waves through the curtained window to which she retired.

She clasped her fair brow to think and fell back in surprise for there was the strange artist. She parted the curtains—an eager joy quickening her hand as the artist stranger passed on. Jennie left the window and threw herself upon the sofa and covered her face, wondering if that was the being in love state of existence, of which she had heard was upon her by the delight she had experienced in meeting the stranger.

The man a strong man of the world, long used to the conquering sway he held over his natural love or fancy. Sentiments that did not now resist the power of his will; went from the Southern girls home with the mournful, unanswerable love agitating his bosom.

He led a strange life with the people, and the exploits of his own company were numerous, and daring, and not of that romantic turn to befriend the young wooer.

A rich young fellow, inspired by an old family dislike, had taken the advantage of the lawless times to cut a poor young fellow's finger off!—There had been a quarrel over the event, and one man killed. And the poor young man more dead than alive, had wandered about for help, and sympathy, falling in with the other young man's brother, who lashed him with his whip, and leaving him alive to find his way to a poor woman's house who drove him away with a gun. The house of the young girl's father, was not supposed to be free from the dreadful mystery of many murders. A few lines of regret from his true manly heart were entered in his valuable home. Letter, to the Weekly Republican, as his best refuge from dispair. His mere watching the house with revengeful sentiments, for human scalps were supposed to be hid under their tobacco; and human bones were supposed to be consuming in their lime barrels.

The mansion of Judge Green, gave refuge to a poor lad wounded in the hand, who had lost one of his fingers on Monday morning. And the week began with all the busy turmoil of the times.—Jennie and Belle drove to the village early, and after calling on some of their friends, returned with papers and letters, and found that black dresses were the object of their coming week's industry ready and waiting for their attention.

Their much injured guest was keeping his hiding-place, and needed the pledge of the continued protection of the house which Jennie hastened to give him.

One of her letters she had received from her brother which she recounted to him with the frankness of childhood, secretly hopeing to make him a valuable friend who would be able to give her much information—such a friend as she seemed to need in the absence of her brothers; and often her father leaving only herself and the governess, with only a negro man and his wife and two black children, a boy and a girl to serve them.

(CONTINUED IN OUR NEXT.)

"I don't admire ladies' cuffs," as the husband said when his wife boxed his ears.

[For the California Farmer.]

LET IN THE SUNLIGHT.

Let in the morning sunlight
To cheer each home blest room,
And scatter quick the darkness,
That's gathered there in gloom,
And let each sunburst quicken
The blood around the heart,
And bring bright smiles and pleasant words,
To help each act their part.

The sun is but the emblem
Of the *World* in its ceaseless roll,
That lies in each human heart,
And the eyes look out of the soul;
Then let us all greet this sun-light—
Let its brightness within us shine,
That its warmth, our blood may purify,
Till *Heart, Soul* and *Life* are DIVINE.

AVIO.

HOW TO BE BEAUTIFUL.

It is a question that burdens the mass of womankind so much. Curls and cosmetics are all in requisition to enhance the beauty of "the human face divine"—but what is the result? Youth's roses only to flee the faster—old age will creep on apace; rouge cannot hide its wrinkles, nor can it make any face beautiful. I am a decided believer in the old adage—"handsome is that handsome does." No face has true beauty in it that does not mirror the deeds of a noble soul. Not a thought, word, or deed, but that leaves its autograph written on the human countenance; and I care not whether kind Nature has given her child an ugly face or a handsome one, if the heart that beats underneath all is warm and loving. And if the soul that looks out from the eyes be true and pure, that face will be beautiful always, for it has found the true fountain of youth; though time may fold the hair in silver, and furrow the brow, yet there will ever be a beauty lighting it up that years cannot dim, for the heart and soul never grow old nor die.

LET US HELP ONE ANOTHER.

This little sentence should be written on every heart and stamped on every memory. It should be the golden rule practised, not only in every household, but throughout the world. By helping one another we not only remove thorns from the pathway, and anxiety from the mind, but we feel a sense of pleasure in our own hearts, knowing we are doing a duty to a fellow creature. A helping hand, or an encouraging word, is no loss to us, yet it is a benefit to others. Who has not felt the power of this little sentence? Who has not needed the encouragement and aid of a kind friend? How soothing when perplexed with some task that is mysterious and burdensome, to feel a gentle hand on the shoulder and to hear a kind voice whispering: "Do not feel discouraged—I see your trouble—let me help you." What strength is inspired—what hope created—what sweet gratitude is felt, and the great difficulty is dissolved as dew beneath the sunshine. Yes, let us help one another by endeavoring to strengthen and encourage the weak and lifting the burden of care from the weary and oppressed, that life may glide smoothly on and the fount of bitterness yield sweet waters; and He, whose willing hand is ever ready to aid us, will reward our humble endeavors, and every good deed will be as "bread cast upon the waters to return after many days," if not to us, to those we love.

ENVY AND JEALOUSY.

What fiends of darkness, what wreckers of happiness these two spirits are, when arm in arm they steal into a home, a church, or even a nation. Destruction is sure to follow—it is the serpent that curls in their track, kissing their vile foot-prints. But O, how petty, how contemptible they show forth when they take possession of an ignorant, shallow mind—they show their own true meanness to the blush of modesty. Let us quote an illustration that is both pleasing and instructive:—"Pedro Gonzalez De Mendoza, the grand cardinal of Spain, invited Columbus to a banquet where he assigned him the most honorable place at the table and had him served with the ceremonies which in those times were observed towards sovereigns. At this repast is said to have occurred the well known anecdote of the egg. A mean shallow courtier present, envious of the honors paid to Columbus and meanly jealous of him as a foreigner, rudely asked him whether he thought that in case he had not discovered the Indies, there were no other men capable of the enterprize. To this, Columbus made no reply, but, taking an egg, invited the company to make it stand upon its end. Every one attempted but in vain, whereupon he struck it upon the table so as to break the end and left it standing on the broken part." Illustrating in this modest and simple way that when he had once shown the way to the New World, nothing was easier than to follow it. This anecdote rests on the authority of the Italian historian, Benzoni. It may be deemed trivial, but the simplicity of the report, and the modest and practical sagacity of Columbus, beautifully illustrates a heart too noble to hold such vile guests as Envy and Jealousy.

PASTE.—Dissolve a tablespoonful of alum in a quart of warm water. When cold, stir in as much flour as will give it the consistency of thick cream, being particular to beat up all the lumps, then stir in as much powered resin as will stand on a dime, and throw in half a dozen cloves to give a pleasant odor. Have on the fire a teacupful or more of boiling water, pour the flour mixture into it, stirring it all the time. It will soon be of the consistency of mush. Pour it into an earthen or china vessel; let it cool; lay a cover on, and put it in a cool place. When needed for use, take out a portion and soften it with warm water. Paste made after this receipt will last at least twelve months. It is better than gum, as it does not gloss the paper.

—There is a policeman in every man's conscience—though not always found on his beat.

HOW TO MAKE A YOUNG WIFE OUT OF AN OLD MAID.

It is generally the case that the more beautiful and the richer a young female is, the more difficult are both her parents and herself in the choice of a husband, and the more offers they refuse. The one is too tall, the other too short, this not wealthy, that not respectable enough. Meanwhile one spring passes after another, and year after year carries away leaf after leaf of the bloom of youth, and opportunity after opportunity. Miss Harriet Selwood was the richest heiress in her native town; but she had already completed her twenty-seventh year, and beheld almost all her young friends united to men whom she had at one time or other discarded. Harriet began to be set down for an old maid. Her parents became really uneasy, and she herself lamented in private a position which is not a natural one, and to which those to whom nature and fortune have been niggardly of their gifts are obliged to submit: but Harriet, as we have said, was both handsome and very rich.

Such was the state of things when her uncle, a wealthy merchant in the north of England, came on a visit to her parents. He was a jovial, lively, straight-forward man, accustomed to attack all difficulties boldly and coolly. "You see," said her father to him one day, "Harriet continues single. The girl is handsome: what she is to have for her fortune you know; even in this scandal-loving town not a creature can breathe the slightest imputation against her: and yet she is getting to be an old maid."

"True," repl'ed the uncle; "but look you, brother, the grand point in every affair in this world is to seize the right moment: this you have not done; it is a misfortune, but let the girl go along with me, and before the end of three months I will return her to you as the wife of a man as young and wealthy as herself."

Away went the neice with her uncle. On the way home he thus addressed her:—"Mind what I am going to say. You are no longer Miss Selwood, but Mrs. Lumley, my niece, a young, wealthy, childless widow; you had the misfortune to lose your husband, Col. Lumley, after a happy union of a quarter of a year by a fall from his horse while hunting."

"But, uncle——"

"Let me manage, if you please, Mrs. Lumley. Your father has invested me with full powers. Here, look you, is the wedding-ring given you by your late husband. Jewels,' and whatever else you need, your aunt will supply you with, and accustom yourself to cast down your eyes."

The keen-witted uncle introduced his niece everywhere, and everywhere the young widow excited a great sensation. The gentlemen thronged about her, and she soon had her choice out of twenty suitors. Her uncle advised her to accept the one that was deepest in love with her, and a rare chance decreed that this should be the most amiable and opulent. The match was soon concluded, and one day the uncle desired to say a few words to his future nephew in private.

"My dear sir," he began, "we have told you an untruth."

"How so? Are Mrs. Lumley's affections——"

"Nothing of the kind: my niece is sincerely attached to you"

"Then her fortune, I suppose, is not equal to what you told me."

"On the contrary, it is larger."

"Well, what is the matter then?"

"A joke, an innocent joke, which came into my head one day, when I was in good humor; we could not well recall it afterwards. My niece is not a widow."

"What! is Col. Lumley living?"

"No, no, she is a spinster."

The lover protested that he was a happier fellow than he had ever conceived himself; and the old maid was forewith metamorphosed into a young wife.—*Leisure Hours.*

THE LITTLE BOY'S REBUKE.

There was once a very old man who lived in the house of his son. The old man was deaf, his eyes were dim, and his legs weak and thin. When he was at the table, he could hardly hold his spoon, so much did his hand shake; and at times he would spill his soup on the table-cloth.

All this vexed his son and his son's wife; and they made the old man sit in the corner behind the stove. There he ate his food from an earthenware dish, and he had not always too much to eat, as you may guess.

Well, one day his trembling hands could not hold the dish; it fell on the floor and broke. At this his son and son's wife were so vexed that they spoke harshly to the poor old man. His only answer was a deep, sad sigh. Then they brought him a bowl made of wood, out of which he had to eat his food.

Not long after this, his little grandson, a boy of about four years of age, was seen at work with a chisel and hammer, hollowing out a log of wood.

His parents could not guess what he was trying to do. The little boy said nothing to any one, but kept at work on the log, and looked very grave, as if he had some great work on hand.

"What are you doing there?" asked the father. The little boy did not want to tell. Then the mother asked, "What are you doing there my son?"

"Oh!" said he; "I am only making a little trough, such as our pigs eat out of."

"But what are you making it for, my son?"

"I am making it," said he, "for you and father to eat out of when I am a man."

The parents looked at each other, and burst into tears.

From that time forth they treated the old man well. He had the best place at the table, a nice dish, and plenty of foood.

—Don't imagine trouble; don't borrow it; don't die before your time. When God wants you to die, He will show you how to do it easy.

Miscellaneous.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

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SAMUEL H. HILL, ... AGENT.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

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TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months,.....$35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S J. President.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

No one but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of FARMER Office

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked this large sum of money will be increased each year, until, in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster by ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION *whose capital and assets will not be impaired or injuriously affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union.* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

THE CALIFORNIA

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All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION OF DEBTS, whether the policy be in favor of the *party assured*, or of any *other person*.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured at any time when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium, for a period *corresponding* to the time they have paid all cash, by merely giving their note, and paying the interest in advance.

Wm. R. WHEATON, General Agent.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Miscellaneous.

BOWEN BROTHERS.

CHOICEST

FAMILY GROCERIES,

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Housekeeping Goods,

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Of the Very Best Brands only.

A SPECIALTY of our House is always to have on hand the Newest, Choicest, and most desirable

LUXURIES FOR THE FAMILY

at all seasons of the year.

We call particular attention at this season and during the Festival Days, to the following desirable Family Articles:

NONE BUT THE BEST OFFERED

TEAS, every Choice Brand known.
COFFEE, Very Extra Varieties.
Sugars, Syrups, Spices,
Flour, Meal, Butter, Cheese,
Eggs, Lard, Hams, Beans,
Peas, Rice, Farrinaceous Food,
All kinds California Dried Fruits, In extenso,
Table Meats, great variety,
Raisins, Prunes, Currants, Figs, &c.,
Chocolate, Cocoa, Olive Oil,
Pickles, in endless variety,
Sauces, Preserves,
Hermetically Sealed Meats,
All kinds Jellies, Jams,
Sweetmeats, &c.
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Special styles put up for us of
Fruits in Brandy,
Potted Meats, Fish,
Condensed Coffee, Condensed Milk,
Extracts of Coffee,
Manioca, for Puddings, Custards, etc.,
Spices,
Flavoring Extracts, 1, 2 or 5 oz. bottles
Portable Lemonade,
and all needed articles of this kind.

Brooms, Brushes, Pails, Tubs, &c.

SHIP STORES IN FULL STOCK.

Goods sent to every part of the city free of charge and to the Steamboats at all the Wharves.

Farmers and Ranchmen in the country are specially invited to call on us when in the city, and examine our large and select stock of Family Groceries, which we offer at Wholesale or Retail

BOWEN BROTHERS.
Corner Montgomery and California Sts, San Francisco

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest varieties of Grapes, either in

STRONG ROOTED VINES OR Good Healthy Cuttings,

Can secure the very choicest. Many varieties from rooted vines, that will show fruit the present year.

THE RAISIN GRAPE.

Strong jointed vines of this very desirable grape, can be had with all others at

FARMER OFFICE.

PACIFIC ANATOMICAL MUSEUM,

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GALLERY OF NATURAL HISTORY AND SCIENCE,

Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORRILLA which was exhibited ALIVE in Paris, has been added to the already rare collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5, and 7 to 9 P. M. Sundays excepted.
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BRAZILIAN PEBBLES.

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Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

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Long Bunches, rich and delicious.

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A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.

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Very fine for preserves and Jellies.

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A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental Variety

JAPAN LILLIES,
Rare Kinds ROSES,
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FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from thew alls of "Windsor Castle," England, with all other desirable plants.

Send orders to
FARMER OFFICE.

Miscellany.

THE TWO CLERKS.

BY WILLIAM L. WILLIAMS.

In Market Square, in the pleasant city of Merryport, was a crockery-ware store, over the door of which was a block sign bearing, in guilt letters, the name of Benjamin Hudson. For many years this crockery-ware store had been there, with the great pitcher hanging in front for a sign; indeed, when Mr. Hudson first opened the store, some forty years previously, he was quite a young man, and the sign over the door was very bright and handsome; but now his eyes had grown dim, and the owner was called "Old Hudson" by all the boys and girls of the city.

The windows of this store had great attractions for all the children that passed that way. There were beautiful vases, handsome China mugs with "Ellen," "Fanny," "William," and lots of other names inscribed upon them; there were also plates with pictures on them representing Franklin's maxims; and funny clocks, shaped like dogs, that would roll their eyeballs to and fro every time they ticked, and many other things curious and ornamental.

Mr. Benjamin Hudson had grown rich in his business, for he had conducted it all himself, and taken care that nothing should be wasted or lost by neglect. He had made mistakes, to be sure, as every man will make some blunders during a life time, but by skillful management he quickly recovered from them. Sixty five years had begun to bend over Mr. Hudson's shoulders, and dim the brightness of his eyes, and he found business more irksome than it formerly had been.

"I must have a partner," said he, one day to himself, as he sat before a cheerful fire. "I must have some one interested in the business who is young and active, and will take the weight from my shoulders, for I cannot do as I used to do."

Now, in Mr. Hudson's employ were two young men—Herbert Bond and Charles Seymour. They had been with him an equal length of time, and had performed their duties faithfully and well.—Charles did his work quickly and had a smart way about him that made people think he was greatly superior to Herbert, who had a more quiet demeanor, and accomplished quite as much without making a great stir about it.

"I must have either Herbert or Charles for a partner," soliloquized Mr. Hudson; "which one I can not decide. They both do very well in the store, but I ought to know something of them out of the store, and I am sorry to say that that is a point I never have paid proper attention to. My clerks come here in the morning and go away at night; what becomes of them over night, I know not; and yet I ought to know. Neither of them have parents in the city; they live in some of the numerous boarding-houses, and I hope are steady and well behaved. I must see them in their homes, and then decide which shall be my partner."

The next day Mr. Hudson ascertained the boarding places of his two clerks, without letting them know for what purpose; and after supper, that evening, his wife and daughters were somewhat astonished to see him go to the hall, and put on his coat and hat.

"Where are you going papa?", asked Lily the youngest daughter, who could hardly remember the evening when her father had not remained at home.

"I am going to make a call, Lily, on two young men of my acquaintance; shall not be gone long," replied Mr. Hudson. And, bidding them goodnight, he went out.

Herbert's boarding house was the nearer of the two, and here Mr. Hudson stopped first. It was a neat looking house, in a very pleasant street. Mrs. Buntin, the landlay, opened the door, when Mr. Hudson rang.

"Does a young man named Herbert Bond board here?"

"He does. Walk in sir, and I will call him," replied the woman.

'I will go to his room, if you will show me where it is,' answered Mr. Hudson. 'I presume he is in it, isn't he?'

'I think so; he is seldom out of an evening. You can step up there if you like, sir; go up two flights and the first one on the right is the one,' replied Mrs. Buntin.

Mr. Hudson, puffed up the stairs, and knocked with his cane at the designated door. It was opened by Herbert, who looked very much amazed when he saw his employer, and said:

'Why, Mr. Hudson, is anything the matter at the store? Nothing happened out of the way, I hope?'

'No—nothing—nothing at all,' said Mr. Hudson, walking in, and taking a chair. 'I took a notion to call around and see how you were this evening.'

Bond expressed himself as being very glad to see his employer; and while he took his hat and cane, Mr. Hudson glanced around the chamber. It was an atic room, with two dormer windows; a good fire was burning in a open grate; a book-rack, filled with books, adorned one side of the room, while the centre of the floor was occupied by a table, on which were writing materials.

'You look very cosy here, Herbert; but why do you have an atic room? Are there none that you can have below stairs?'

'O, yes, sir; but this room is a dollar per week cheaper, and I have all the more money to send to my father," replied Herbert.

'Isn't your father well off?' inquired Mr. Hudson.

'Not very, sir; he used to be pretty rich, but his business was disastrous, and he lost a great deal of money,' said Bond.

'What do you find to do evenings? Doesn't time hang heavy?'

'O, no, sir! I have books to read, and letters to write. To-night I am writing home; they want me to make them a visit; but I write father that it is a pretty busy time just now, but when it is over I shall ask you for a few days absence,' answered Herbert.

'You shall have it willingly,' said Mr. Hudson and then he added: Does Charles ever call upon you?'

'No, sir. I have asked him to do so several times, but he has never called.'

'Are you contented here in this boarding house?' inquired Mr. Hudson.

'It is a very good boarding house, and Mrs. Buntin treats me very kindly; but I often wish that I could live at home with my father and mother,' answered Herbert.

'And why can't you? How far is it from here?' asked his employer.

'It is twenty-five miles, sir; rather far to travel every day; and then I cannot afford the expense,' was Herbert's reply.

'What time should you reach the store in the morning?'

'At half-past eight, sir.'

'And you would have to leave at what hour in the afternoon?'

'About half-past five, sir.'

'Not very bad hours for business: Perhaps it can be arranged so that you can live at home, Herbert.'

'O, I should like it so much, if I could! I am so homesick here in the city,' was the clerk's reply.

'Well, I'll look into the matter, Herbert. It seems a pity that one who is fond of his home can't live there, in these times of railways and fast traveling,' said Mr. Hudson; and he rose to depart. Herbert thanked him for his visit, and said it would please him to see Mr. Hudson again.

The old gentleman descended the stairs, well satisfied with the call, and said to himself: 'Now for Charles Seymour's. I hope I shall find him as well occupied as Herbert Bond.'

On the way to the house, which was three or four streets distant, Mr. Hudson's attention was attracted to three young men, who were talking very loudly, and acting in a rowdy manner, pushing each other against the passers by, and making rude, insulting remarks to them. It so happened that Mr. Hudson wore a white hat. So when these fellows past him, they looked behind and said: 'O, what a hat! 'Who stole the donkey?' 'The man with a wite hat!' and similar impolite observations. As they walked much faster than he did, they were soon out of sight

The boarding house was reached, the bell rung, and Mr. Hudson admitted. The servant said that Seymour was in, and ushered him to his chamber door. Mr. Hudson knocked, and the door was immediately flung wide open, and a voice exclaimed:

'Well, old fellow, got along at last, have you! We're all ready for you; have you got the———,' Charles Seymour stopped here, and his face turned deadly pale at seeing, instead of one of his boon companions, his venerable employer. It was several seconds before he could recover his speech. 'I beg your pardon, Mr. Hudson; you must excuse me; I expected a friend this evening, and, in the dim light of the entry, I thought you were he. Walk in, sir, and sit down.'

Mr. Hudson entered the room, and was somewhat surprised to see there the identical three young men who had insulted him in the street; they were smoking cigars, and had their feet elevated on the bureau, mantel-piece and bedstead. Mr. Hudson saw at once that he was a very unwelcome guest. The room was in confusion, and Seymour's actions were painfully awkward. Nevertheless, his employer started a conversation, and had been there about ten minutes, when a footstep was heard on the stairs; and then the door opened a little way, and a bottle of shampagne came rolling across the floor, following immediately by a round Dutch cheese, a bunch of cigars, and two more bottles—Seymour looked dreadfully distressed, and could do nothing. It was a fourth friend who had been out for refreshments, and took this facetious mode of introducing them into the chamber. Mr. Hudson thought it was time for him to go; so he took his leave, and returned to his home. It is almost needless to say that Charles Seymour's enjoyment of the evening was decidedly marred by this unexpected visit. He and his friends had arranged for a jolly good time.

Mr. Hudson was not long in making up his mind as to which one of his clerks he would make the most faithful and efficient partner; and in less than a week it was announced in the papers that Herbert Bond was a member of the firm of 'Benjamin Hudson & Co.' It was a happy day for Herbert, for he could live at home again, amid the scenes of his childhood; and it was not many years before he managed the whole of the business himself, and became a wealthy man.

Charles Seymour knew very well the reason of Mr. Hudson's choice, and he never ceased to regret having formed such unprofitable acquaintances as were assembled in his room that unlucky evening.

LABOR.

Why, man of idleness, labor has rocked you in the cradle, and nourished your pampered life; without it, the woven silk and wool upon your back would be in the shepherd's fold. For the meanest thing that ministers to human want, save the air of heaven, man is indebted to toil; and even the air, in God's wise ordination, is breathed with labor, It is only the drones who toil not, who infest the hives of the active like masses of corruption and decay. The lords of the earth are working men, who build or cast down at their will, and who retort the sneer of the "soft-headed" by pointing to their trophies wherever art, science, civilization and humanity are known. Work on, man of toil! thy royalty is yet to be acknowledged, as labor rises onward to the highest throne of power.

Is a man that reads a book bound in sheep in danger of getting on the rampage?

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Reta ealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.

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Harness. Saddles.

MAIN & WINCHESTER

Manufacturers

AND

Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS.

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL Concord HARNESS, for the Pacific Coast.

Farmers, Attention!

Flax-Seed and Castor Oil Beans Wanted.

We want 15000 Tons Flax-seed, and from the experiments made the past year. It has proved a very remunerative crop, the yield being from

One to Two Thousand Pounds Acre.

The price for the past year has been 4c per pound. We also wish to purchase large quantities of

Castor Beans,

for which cash will be paid on delivery.

PACIFIC LINSEED OIL AND LEAD WORKS,

30-23 King St San Francisco.

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PUMP WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc, being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.

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Valuable Patents

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We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ **Volumes of the "California Farmer" for** The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

Insurance.

PACIFIC

INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL.....$750,000 00
SURPLUS, July 1st..... 363,802 82
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All Losses Paid Immediately in United States Gold Coin.

FIRE

OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

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Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hanssmann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.
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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.,

upon the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,

Storekeeper and Wharfinger.

Or to L. FRIEDLANDER,

112 California stret.

Railroad Lands.

CENTRAL PACIFIC RAILROAD, LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultura lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS. TWINE.

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD, China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 63 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

[Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, April 8

The Grain Market has a still further tendency downward; and the last Telegraphic news from Liverpool, sends the *lowest* price, that Wheat had fallen to, in two years. This news and the good promise of our increase in the general crop, gives proof that Wheat and Flour must rule low for some time to come.

The advices from New York, are also downward, and no export demand—besides good crops everywhere.

The evidences are gathering all around us of a remarkable success in the crops of this State.

Haying has begun—Barley is strong and heading out where early planted. Wheat never promised so well; nor so abundantly. The continued showers come as a regular refreshing. These circumstances all combine to make the evidence doubly, sure that prices *must* rule low.

It is most earnestly hoped our Grain Growers will now consider well a wise course to pursue this year, and begin now to send away all the surplus at the price the Market bears, and thus make way for the new crop that must come in early.

Our Wool Growers' prospects are more cheering. Evidences are increasing to show that Wool will bear a better price than last year. Our increased demands for our Home product, and this with a better rate abroad will benefit our own growers.

Potatoes are abundant, California Beans continue to bring good prices, and other products seem to meet a fair reward.

Grain, &c

Wheat California, ₱ 100 lbs	$1 45	@	1 55
do Extra	1 55	@	1 65
Barley, ₱ 100 lbs	1 85	@	2 10
Rye ₱ 100 lbs	4 00	@	4 50
Oats, California, ₱ 100 lbs	1 80	@	2 05
Corn ₱ 100 lbs	1 50	@	1 65
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	5 00	@	5 50
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 25
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	16 00	@	20 00
Middlings ₱ ton	26 00	@	30 50
Old Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	6 00
Potatoes	75	@	90
do sweet	2 00	@	2 50
Onions	5 00	@	5 50
Hay, ₱ ton, extra	12 00	@	16 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	500	@	7 00

Retail Prices in the Fruit Market.

Spring is making rapid strides upon us—in fact Summer is close at hand, which our friends in San Jose Valley can fully testify; and to be convinced of the fact, our citizens should pay an early morning's visit to our Fruit Market, and see the qualities of delicious Strawberries brought to Market during the past week, from five to seven hundred pounds have daily been brought from San Jose Valley, and all disposed of at prices ranging from 75cts to $1 00 per pound. San Jose Valley is bound to be the paradise of this State. It being so contiguous to the "City of the World" (is to be) that Orchardists and Fruitists would do well to look ahead a little and prepare for the future demand which will exceed all our anticipations; and at the same time make themselves acquainted with the most suitable and best sorts for planting, etc. The American Fruit Culturist by Thomas is the best reference. Every one possessing a few rods of ground should, be in possession of this book. It is crowded with practical remarks, and full of every information necessary to guide the amateur as well as the practical Orchardist.

Apples, ₱ box	1 50	@	3 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons		@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	50	@	75
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	75	@	1 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	6 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15
Green Limas, shelled	—	@	50
Spinage, ₱ basket	25	@	—
Salsify, ₱ bunch	25	@	37½
Turnips, ₱ doz		@	25
Tomatoes, fresh, ₱ lb		@	

FISH

(Tessmore and Hayes.)

Salmon is the most plentiful Fish in the Market, and the demand for it, by fresh arrivals is extremely wonderful. Of course, it is not to be wondered at, when we know that in London and New York, at this period of the year, it is worth from three to five bits per pound. Smelts in the Market are good, but not very plentiful.

Salmon, ₱ lb	—	@	8
do smoked, new	—	@	30
do pickled, ₱ b	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	37½
Smelts	8	@	10
Perch	8	@	10
Rockfish	10	@	12
Codfish, dry	—	@	18
Herring, fresh		@	
do smoked		@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz		@	1
do small		@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	
Turbut		@	50

MEATS.

(L. Miller & Co.)

No material change has taken place, either in the prices, or quality of Meats. Trade with our Butchers is brisk, all are doing a good business.

Beef, tenderloin, ₱ lb	30	@	35
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef Tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

POULTRY AND GAME.

No change of importance has taken place in our Poultry and game Market this week. Our country friends keeps us well supplied with every seasonable variety of the feathered tribe, and for their trouble we think they are liberally compensated, which the following prices will prove:

Ducks, wild ₱ pair	75	@	1 00
do tame	2 00	@	2 50
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	30	@	33
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	P 00	@	85 0
Spring Chickens	9 00	@	10 00
Turkeys, ₱ lb	—	@	25
Ducks, tame, per doz	8 00	@	8 50
do wild	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	350	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Dairy produce remains the same as in our last publication. Prices are steady and good business is being done.

Butter, California, ₱ lb (Fresh)	40	@	45
do do packed	—	@	30
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	40	@	45
Duck-eggs	—	@	45
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	35	@	37½
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	42½	@	45
Eggs, ₱ doz	—	@	33
Lard, ₱ lb	12	@	13

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 11 @ 13 c ₱ lb
do. 2d do. 8@11c.
MUTTON—8 @10 ₱ lb. LAMB— 11@15c.
PORK—undressed, —5@6c; dressed, 11@12c.
VEAL—9@12½c ₱ lb.

New Productions of California,

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	35
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20@22
Medium	15@18
do burry	10@12
Wool-sacks, new	70@90
do second-hand	40@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@20
Goat skins, each	40@60
Refined Tallow	8½@9¼

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

31:1 Proprietor of the Auzerais House.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

March 10th—GOLDEN CITY, Capt W. F. Lapidge, connecting with ALASKA, Capt. Gray.

March 18th—MONTANA, Capt. E. S. Farnsworth, connecting with RISING STAR, Capt. Connor.

March 30—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCEY, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento or alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17:13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtil further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M; Wardsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 19 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Colcma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada,

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points in Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages for White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,

Or address Editor Farmer.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S

CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effect.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the perfect use of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three-fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet on examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. A'S LIVER PILLS in cases of AGUE AND FEVER, when taken in connection with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are unsurpassed to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S

American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and be ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, judicious in other respects, but which entirely fails in consequence of worms being overlooked. Even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an areola or circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nauces and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual in providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows:—DR. McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by
FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of fifty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, APRIL 15, 1869. NUMBER 13.

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BY WARREN & CO.

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SAN FRANCISCO.

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To City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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THE KIRBY REAPER AT WORK.

MASSACHUSETTS AG. SOCIETY.

[REPORT OF COMMITTEES.]

To the Honorable Senate and House of Representatives:

The Trustees of the Massachusetts Agricultural College respectfully submit the following Report, in accordance with the requirement of its charter, and of the law of the United States granting lands for its endowment.

The liberal appropriation of $50,000 by the last legislature has proved in the highest degree beneficial, not only in furnishing necessary means for the development of the institution, but in disarming opposition, overcoming prejudice and securing the confidence and sympathy of the public. The general feeling during the year, as represented by the agricultural and other papers, has been exceedingly friendly, and the kindest and most hopeful sentiments have been expressed by many distinguished citizens of this and other States who have visited the institution.

There can no longer be any doubt that there is an abundant demand for the education which the plan of organization adoped is designed to afford. Notwithstanding the numerous changes and the constant distraction inseperable from the building operations of the past year, the students have been as deeply interested and as successful in their studies as could be desired. The peculiar character of the course of study renders it difficult for persons to enter the regular classes except at the beginning of freshman year, so that the size of the classes will unavoidably diminish up to the time of graduation; and this may be expected to occur to a much greater extent than in the older colleges, because there are so few institutions of a like character from which the membership can be replenished.

While it is indispensable for the highest success of the College, as a professional school, that its regular course be very thorough and complete, it is perhaps equally important that it should offer every possible facility to those who choose to follow a select course adapted to their individual circumstances and necessities. It has hitherto been impracticable to furnish rooms and instruction to any considerable number of this class, and not until quite recently have they been invited to become members of the institution. It is evident that, as soon as the requisite supply of buildings, apparatus and teachers can be obtained, so that instruction may be given every year in all the studies of the course, there will be a large attendance of young men, designing to be farmers and eager to acquire the latest and best information respecting their chosen profession. As students of this class will generally be mature, industrious and specially interested in the departments of agriculture and horticulture, their influence upon the members of the regular classes, under suitable management, will be of a desirable character.

SCHOLARSHIPS.

Nearly all the agricultural societies of the State have shown their interest in the College by voting to pay the term bills of one or more students, the amount per annum for each being $54. As an excellent example of the mode of proceeding in the choice of scholars, the following statement is extracted from the report for 1868 of the Worcester North Agricultural Society:—

"The Committee to which was intrusted the duty of awarding the Scholarship established in the Massachusetts Agricultural College by the Trustees of this Society, sent a copy of the following circular to each member of the Board of Trustees.

'To the Trustees of the Worcester North Agricultural Society:

You are hereby notified that the undersigned will be in session at the hall on the grounds of the Society, on Tuesday, the 4th day of August, at half-past one o'clock, P. M., for the purpose of awarding the Scholarship of the Society in the Massachusetts Agricultural College.

Students proposing to compete for the scholarship must be 15 years old, of good moral character, and will be examined in English grammar, geography, arithmetic, and in algebra to quadratic equations.

It is earnestly desired that the trustees in each town will induce at least one young man to present himself as a candidate. We believe that no educational institution offers a better general and special education to its students than the Massachusetts Agricultural College. As agriculturists we should desire to give it such aid and encouragement in its infancy as to place its permanent success beyond question.

In making your selections, it will be proper to give a preference to persons of limited means, and particularly to such as propose to devote themselves to agricultural pursuits.

JABEZ FISHER,
JOHN BROOKS,
SOLON CARTER,

Fitchburg, July 20, 1868. *Com. on Scholarship.'*

At the date therein named, three candidates presented themselves, and after a written, competitive examination, lasting five hours, the scholarship was awarded to Wm. E. C. Whitney of Harvard.

He has since passed a satisfactory examination at the College and is now pursuing his studies as a member of the freshman class.

JABEZ FISHER, *Chairman.*"

At the present time the following societies maintain scholarships, viz: The Massachusetts Society supports three; Essex and Plymouth two each; Barnstable, Bristol Central, Berkshire, Franklin, Hampden, Hampshire, Franklin and Hampden, Hingham, Highland, Middlesex South, Norfolk, Worcester, Worcester North, Worcester South-East, and Worcester West, one each.

There are many indigent young men who would gladly secure a college education if they could enjoy the benefit of a scholarship, and it is confidently hoped that from time to time gifts and bequests may be made to the corporation for the establishment of scholarships and prizes, which may serve to stimulate, encourage and help worthy students in the effort to prepare for an influential and useful life.

LABOR FUND.

There is, however, another method of assisting indigent students, which is peculiarly suited to the circumstances and object of the College, viz: to furnish them labor at fair wages whenever they desire it, both in term time and in vacation, except perhaps in winter, when they could earn more in teaching or some other business, and when their work on the farm would be less valuable than at other seasons. This employment of students for money has been practised during the past year and with satisfactory results. A large amount of farm work has been performed, and the young men have proved faithful and industrious. As, however, the College has no funds to appropriate to this object, and a large proportion of the labor must be expended on improvements, or products to be consumed on the premises, it is obvious that only a limited number can thus be assisted. Suppose, on the other hand, liberal-minded and large-hearted friends of agriculture and education should establish a fund of say $100,000, the income of which should be expended for the labor of students on the farm and in the garden, several most desirable things would be accomplished.

First. Young men would be aided in such a way as to preserve their self-respect, and their habits of industry and manual labor.

Secondly. The College having such a fund would never lack for students of the best character.

Thirdly It would render it possible not only to manage the farm with due reference to pecuniary profit, but also to adopt and carry out a suitable system of improvements, and to perform such experiments for the benefit of agriculture as the object of the institution demands

Fourthly. It would enable the director of the horticultural department to proceed with the important work of laying out, planting and keeping in proper condition the botanic garden, the arboretum, the nursery, the orchards and the vineyards.

Would not money given to such a fund yield a most satisfactory per cent of blessing to the world, and thus of good to the giver? When the national government has provided the estate and the endowment, and the Commonwealth has liberally granted buildings and appliances for instruction, there surely must be some among the wealthy friends of the College who will contribute of their abundance to a Labor Fund.

MASSACHUSETTS HORT. SOCIETY.

[REPORT UPON THEIR LIBRARY.]

The value of a well-selected library to the horticulturist cannot be over-estimated. From books he reads the record of the failure and success of others, and by means of these charts he is enabled more certainly to hold his course to the wished-for port. But even a small horticultural library is an expensive luxury, in which very few can afford to indulge.

As a rule, scientific books are very expensive, and in this the science of Horticulture offers no exception.

The cost of a single illustrated volume may be a hundred dollars, and full sets are still more costly. And here we touch upon one of the great missions of our Society, which, formerly neglected, even now, we fear, is not fully appreciated.

To give each member access to a complete horticultural library is one of the duties which, as a Society, we are called upon to perform. Individuall we cannot have such a library; its cost would exceed our means, even before its bulk outgrew the accommodations of a private house; but as a Society, we can have it, and thus each member can, individually, have the use of it, and be a quasi proprietor.

Again, in Horticulture there are many thousands of volumes which are only useful for occasional reference. With these we would not cumber the shelves of a private library, but such works would find their proper resting place in the library of our Society. Here they would be accessible to all, reference would be easy, and the advantage derived from such consultation by members would be incalculable.

We know there is a class in the community who would sneeringly say, "What is the use of such a lot of books? It is throwing away money."—Thank Heaven, those who hold such sentiments are becoming fewer each year. What is the use of books? rather, how are they not useful? They are for reference, for study, for pleasure, for profit, for information, for assistance in the practice of horticultural science, and in the case of illustrated works, for elevating the mind to a perception of nature's beauties, and affording to all a sight of the wonders of floral life, which, perhaps, only the wealthy can indulge in the living examples.

"Throwing away money!" Rather making a most profitable investment. Looking only at the purchase of a library, in a pecuniary point of view, the lowest manner in which it can be regarded, it is money invested at compound interest.

Experience has repeatedly shown, that a well selected library increases wonderfully in value, and though this aspect is not one which we wish to prominently present, yet it is well it should not be lost sight of, as an answer to the argument that money spent in books is thrown away. As an illustration, the writer can point to volumes purchased by him while Chairman of the Library Committee, a few years since, which now, would readily bring five times the money they cost, and some of which cannot be procured at any price.

And this leads us to another consideration. As we have said, the first cost of horticultural books is large, and for this reason only small editions are printed, often only sufficient to supply subscribers, and thus the books are soon out of print, and become very scarce.

The library of this Society is the proper repository of all such books. There they can be preserved, cared for, used by us in our day, and handed down to coming generations.

We have now a good nucleus for a Library.—We possess many rare and valuable volumes, but there are in Boston, private horticultural libraries larger and finer than that of this Society. We have a good beginning, but our aim must be high: no less than to make our library contain a copy of every published work on Horticulture. This is not the work of a year, or of a decade; a century hence, long after we are laid to rest, it will be incomplete; but we have to remember that our Society, while benefiting us to-day, is not for to-day alone, but for all time, and that while we work together here for mutual advantage, we are also working for future ages, doing our part, be it great or be it small, for the advancement of a science which shall glorify the future, and of which we, perhaps, see but the light before the dawning, the full glory of whose rising, coming ages are to know.

If any one is incredulous as to the deficiencies in our Library, let him merely look over the list of books used by Pritzel in preparing Iconum Botanicarum, which will be found on the first pages of that volume; and, remembering that these comprise only *illustrated* works, see how many of those there mentioned are to be found on the library shelves of the Massachusetts Horticultural Society.

Your Committee are gratified to be able to report, that the circulation of the Library is steadily increasing, and, during the past year, has reached nearly or quite one thousand volumes. Every facility is offered for its use, and the value of the services rendered to the Society by Mr. Buswell, as Librarian, cannot be over-estimated.

The Reading Room has also been in constant use, and is of great practical benefit.

The Committee have expended nearly the whole appropriation of $500, only a small balance remaining, which will be needed for binding. They have added many rare and valuable books, as will be seen by reference to the accompanying lists.—In view of the wants and deficiencies of the Library, your Committee feel justified in asking as large an appropriation as the judgement of the Finance Committee may deem justifiable.

The sum of five hundred dollars is sufficient for the running expenses of library and reading room, and for the purchase of a few new books, but at least as large a sum should be placed at the disposal of the Committee, as a contingent fund, for the purchase of rare or valuable books. Opportunities for such purchases occasionally occur, and often at low prices, but they cannot be availed of unless the money is appropriated, and before a quarterly meeting, at which alone appropriations can be made, the opportunity is lost.

THE PROSPECTS OF THE WINE TRADE IN 1869.

[The *Grape Culturist* by Husmann & Frings, published at St. Louis, Mo., presents the following suggestions upon the Wine trade of America in 1869:]

The price of all merchandise and consequently also of wine, is regulated by *supply* and *demand*. The more the market is supplied, the lower is the price, and the greater the demand, the higher does the article rise in price. The larger the production of wine and the larger the crop, so much larger is the supply, and when we take it into consideration that the production of American Wines, expands from year to year, and that our last crop has been one of the most productive for many years past, (only in some parts of Ohio has the Catawba failed while in most other Wine producing sections of the country it succeeded beyond all expectations,) there can be no doubt, that this year the supply of wine will by far exceed that of any previous period. Besides this, most of the European Wine Countries that send their Wines to America, have in the past season also had an exceedingly large crop; so that the American Wine mart will not experience any want from that source. It remains to be seen whether the *demand* will keep pace with the *supply;* the former depends entirely on the amount consumed, while the consumption again depends more or less on the favorable circumstances of the consumers, in one word, upon the general aspects of business affairs. If business does not improve, we may almost to a certainty expect, that the consumption will not equal our increasin and foreign importation, and that the prices of wine will come down. The question then will be which will have to suffer most from the consequent abundance, the *domestic* or *imported* Wines?

This will depend mostly on the quality and prices of the different Wines brought into the market by one party or the other, and to this point we wish to direct the special attention of the producers of Native Wines. It is not sufficient that Native Wines should be offered in the Market *cheaper* than Imported Wines, but they must also be able to compete in *quality*. What does it benefit a Wine Producer here, for instance if he brings into market a mis-managed, foxy Concord Wine at $1 00 a gallon while petiotized Wine from Cette or Montpellier, at $1 75 per gallon, will suit even the taste of the most patriotic American better? For that reason it must be the earnest endeavor of every American Wine Producer to make the quality of his Wines superior to imported Wines; and really the Native Wines possess all the qualities to make them, under a rational management, take a front rank among all the Wines of the world. Those only of the American Wine Producers whose aim is superior *quality* rather than *cheapness* can look forward with complacency to the competition of Imported Wines, and even under the most unfavorable circumstances, will always find a market for them, while the mis-managed Concord and Catawba Wines, if they are the *purest* grape juice and offered at the lowest figures, will be unsaleable.

[Let the above very correct ideas be impressed upon the Wine Growers of this State, and let California Wines have a name for *Quality* that shall make them as famous as the Wines of *Cette, Montpellier, Burgundy, the Rhine*, or any other famed district. This can be done if the Wine Men of California will it so to be.—ED. FARMER.]

PLANT THE NEW POTATOES.

The remarkably moist season and the continuance of the rains will give to all who desire to secure the *New Kind of Potatoes*, to plant during all this month, and in some places even during the entire month of May.

We would particularly urge upon all who may plant the "Early Rose," the "Goodrich," the "Harrison," the "Chili," and others, to be careful and save all their *Seed-Balls*, from which they can spring new and valuable varieties, that being raised from *Seed*, are indeed NEW CALIFORNIA POTATOES.

As a matter of business and pecuniary gain, it is very certain that those who shall raise the 'Early Rose," and the "Goodrich," will receive a very handsome recompense, as the product of both these varieties are very great, and both will be in great demand another year. We can therefore recommend these kinds as a good, perhaps the best investment that can be made, even better than Mining Stocks.

Agriculture.

GOOD ANIMALS THE MOST PROFITABLE.

Poor animals are not profitable as farm stock.—Breed from the best animals, and let sire and dam be as perfect as possible.

Animals that you can depend on to transmit their good qualities through many generations, must have had a perfect descent from pure blooded stock. If an animal has had a defective ancestry, though in many past generations, such imperfection may show itself at any time in the young stock from such a source. The Devon cattle are noted for having been bred pure, and they stamp their good qualities upon their offspring with much certainty.

The male parent generally influences the size and external form of the offspring, and the female the vital power, health and constitution.

The best thorough bred stock will degenerate, unless supplied with nourishing food, and kept in general good health.

In-and-in breeding should be avoided generally, and only allowed when both parents are singularly free from defects.

A writer says:

"To encourage unbelieving breeders to make a liberal outlay for good blood, I will refer to the marked excellence of some families, where a single sire has transmitted his wonderful qualities through many generations, and over a very wide relationship. "Favorite" is the acknowledged parent of almost every choice pure-bred Short-Horn. It has been claimed that no horse ever made first-class time in trotting unless he had a strain of Messenger blood. Merinoes are not recorded of much account unless they come through a certain parentage. My friend Dr. Randall, the worthy President of the National Wool Growers' Association, called my attention to the fact that at the State Sheep Show at Canandaigua, where there were several sheep of very marked excellence, valued at $3,000 a piece and more; though coming from different States, all were descended from Vermont 'Sweepstakes.' Surely, 'Blood will tell.'"

While we would most earnestly call the attention of all our "Stock Raisers" to the above most excellent and truly scientific article on Stock Raising, which we find in the *Rural American*, and approve it most heartily as true, we would with a greater and more solemn earnestness ask if the *same law* which guides and controls nature in the creation of the lower order of animals, does not apply to *human beings*, only in a higher, stronger, and more important sense.

We hope the day is near at hand when the subject of *Creation* among the Human Species shall be thought of as much importance and create as much interest among Scientific and Medical men, in order that we may create a more Healthy, Purer and Higher type of Humanity; for among human beings also, "Blood will tell."

TRUSTY FARM HANDS.

It has become a general fact, that a large majority of farm hands, at the present day, take little or no interest in the success of their employer, beyond his ability to pay them their wages.—One cause of this state of things is the fact that they are less inclined to be contented in one place, than hands used to be 20 or 30 years ago, and the result is, that farmers are changing their help too often for their own interests, and the interests of those they employ.

It is almost impossible for a farmer to find hands who will work faithfully, unless he is constantly with them. To this fact every farmer can testify. The employer being away, the hands "take it easy;" and when he returns and says, "How is this! I expected you would have done a good deal more than you have accomplished," he receives the reply, "we've all been busy, sir, and no time has been lost."

That reply may be true, as the hands look on the case; but had the employer been present, one-third more work would have been done, and the hands would not have been overworked in the least. It is the loss of minutes that causes less work to be done than should be accomplished.—One stopping here, another there, a "yarn" being told by A. is listened to by B. and C., and thus time is lost; and in numerous other ways which it is not necessary to enumerate.

Nor are but a very few hired men strictly trusty in other respects. Teams are used harshly, and improperly fed, unless the eye of the owner is constantly on them, which cannot always be the case. The great want of farmers is *trusty* help, and the lack of such hands often makes farming "up-hill" work.—*Rural American.*

The *Rural American* is right; but it is not only so on the *Farm*, but in all departments. Men work for money—that is the "Golden Calf," and all bow down before it and worship it.

—It is not the height to which men are advanced that makes them giddy; it is the looking down with contempt upon those below them.

—The apprehension of evil is many times worse than the evil itself; and the ills a man fears he shall suffer, he suffers in the very fear of them.

—That plenty should produce either covetousness or prodigality, is a perversion of Providence; and yet the generality of men are the worse for their riches.

THE VALUE OF A VOTE CONSISTS IN MAKING IT CONDUCE TO THE HAPPINESS AND WELFARE OF THE VOTER.

It can be safely asserted that not one in a hundred of the voters of this great country have ever thought of how much they can be personally benefited by voting. And not one in a thousand have ever figured out how much money they could make if a majority of them voted for specified measures.

It is a "fact" that hitherto none but politicians, capitalists, bankers and speculators ever vote, with any expectation of putting money in their pockets by so doing. It is also a "fact" that those classes invariably do make money out of the "results" of every National, State, City, County and Town election, whatever party wins.

Every voter will acknowledge the truth of these assertions, when they call to mind the millions of acres of the public lands that have been given away to railroad companies and other corporate interests. An within the last three years, Congressmen and members of all the State Legislatures have voted themselves an increase of salaries, when they were elected to serve for the amounts heretofore paid—Congressmen going so far as to vote themselves five thousand dollars in place of three thousand.

All the e instances show, my fellow-voters, the value of a vote "money-wise." Now, if it is right for Congressmen to vote themselves two thousand dollars increase of pay for their services, why is it not right that the voters of the nation should vote themselves money to create property? If it is right that bonds should go notized, why is it not right for the freemen of this Union, North and South, to vote to exempt the laborer's shovel and the mechanic's wages?

One object that is sought to be obtained by publishing this book is to "wake" up the freemem of this nation to the "fact" that they can "make money" by a majority of them voting for measures that will create property for themselves individually. And that they can do so without injuring any one—be he rich or poor—high or low—religious or infidel. And when they find out the "money value" there is in their "votes," by following the directions given in the following pages, it is hoped and expected that they will never again spend time and money "merely" for the sake of electing one man over another. Also, before any election that shall hereafter take place, every one who has the right to "vote" should be sure that he votes for something that will directly benefit himself, and not run his legs off, and his pocket dry, in the service of any candidate for Governor or Congress, who, if they are elected, will be sure to talk and print "buncombe," and under cover of the dust they raise, proceed to enact and approve such measures as will put "money in their own purses."

Don't be frightened off by the cry that such a course of action will be too "sordid" for enlightened freemen; for, remember, those that say so are the very ones who will make money if you cast your votes as they direct. And also, when they say, that if you vote for the theory of this book, you will make too "much money." Remember they mean that it will be too much money "for you," they don't mean themselves—for if they had all the money that was ever coined or printed it would not be too much for them.

Let every voter forever hereafter remember that his vote can be made houses and lands to him if he so chooses. That if he wishes to own shares in money-making corporations, he has only to vote for them, when a majority of the voters are of like mind. And to be sure that they shall be of like mind, every voter must seek to convince his fellow-freemen that such a result will follow their "voting" for them. And so spend time, and, if need be, money, to advance their individual interests, instead of wasting both in the interest of some aspiring politician, accumulating capitalist, banker, or scheming speculator.

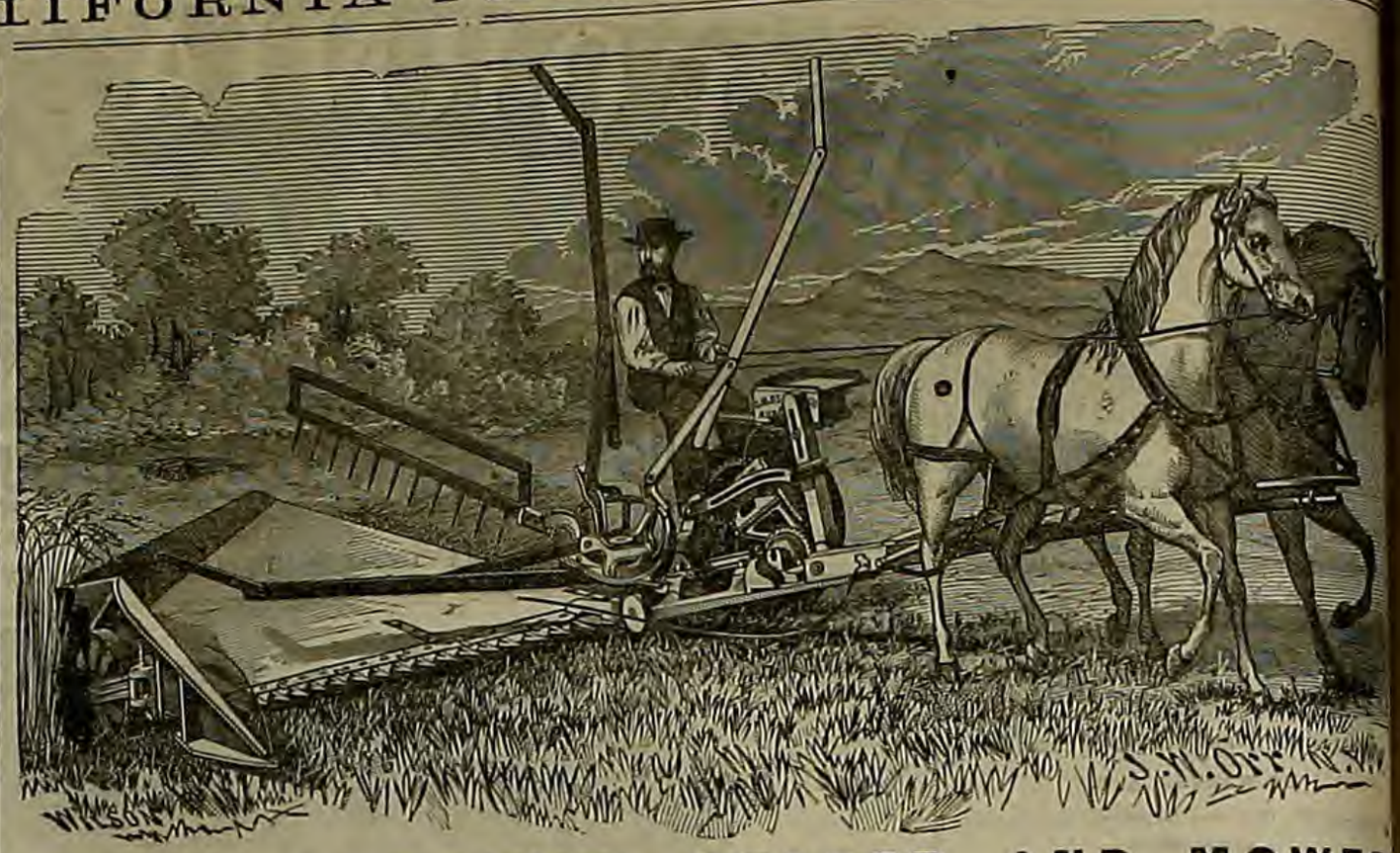
I know that such "teaching" will call down all sorts of hard names about my ears, from those who have heretofore led the voters. And they will say, the doctrine is a horrible one that asserts that voters must vote to benefit themselves "money-wise." Yet the fact is patent to all observers, that these very men are the ones who demand the largest pay for their services, and feel themselves insulted if any party proposes to use without paying them. Observation will teach any voter that all men are better citizens and Christians by having money or property enough. And that it is all "bosh" to assert that a man is debased by seeking after riches, for the very conclusive reason that no teacher of that sort ever follows his own precepts or takes his own medicine.

Let every voter take note of the action of Congress, or of the State Legislatures at the present time, and then seriously ask himself the question—How am I benefited? in what way shall I make money by the enactments of Congress? He will find that money, bonds and lands are given to a few, and tax laws enacted for the many.—*Fortunes for Workingmen.*

Poling Hops.—A Hop grower in Massachusetts says that he can get more and better hops by setting one pole to a hill, than by having two poles, as is the case generally. He denounces Collins' mode; says air and sunshine are essential to the proper development of the product. Collins' mode shades the hops too much; and good hops cannot be grown in the shade. A hill of vines, trained to one pole, will weigh on the average five pounds more per hill than if trained on two poles; and the same are worth more in the market.

—He that envies, makes another man's virtue his vice, and another's happiness his torment; whereas, he that rejoices at the prosperity of another, is a partaker of the same.

—We should take a prudent care for the future, but so as to enjoy the present. It is no part of wisdom to be miserable to-day, because we may happen to be so to-morrow.



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WITH COMBINED SELF-RAKE AND REEL

TWO COMBINATIONS IN ONE MACHINE!

This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good Mowers, there very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose. Its

"MONITOR"

Self-Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.

It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers the Pacific Coast, who are successfully using them this year, can testify.

The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.

We shall keep a large supply of EXTRAS of all kinds on hand.

The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest burd In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self-Rake on it, than it is to carry a man to rake off, and the gr are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain

By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle w operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform then the Rake, of its own accord, will sweep it off.

This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the n the axle plate, where the joint or independent action is obtained.

This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.

TREADWELL & CO.,

Sole Agents for the Pacific Coast.

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TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes, ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,

320 Clay street, up stairs.

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FORCE PUMPS.

Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLES, AND MOST DURABLE PUMP IN THE WORLD.

Agents wanted for this Coast County Rights for sale.

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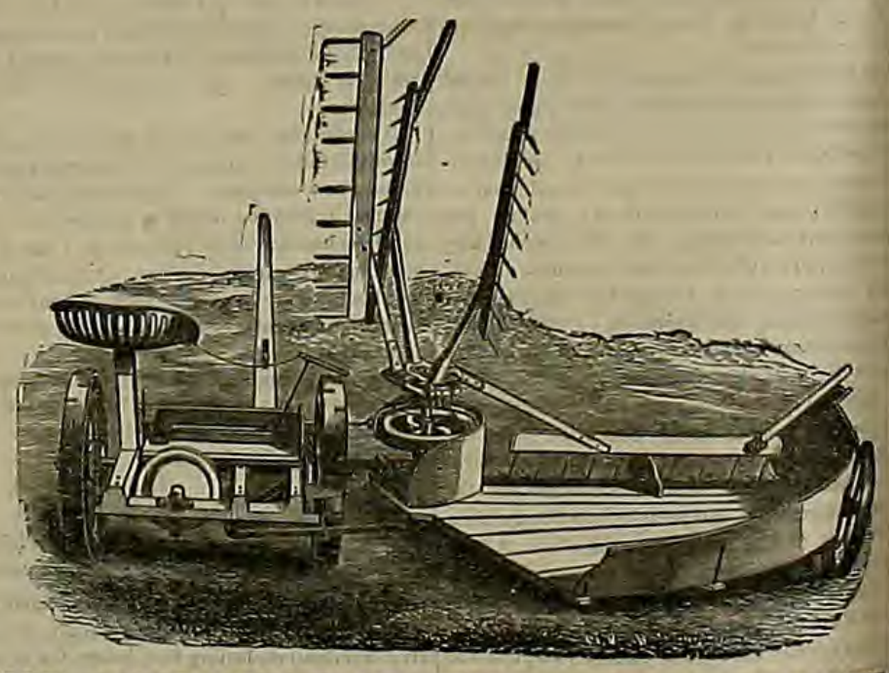
BUCKEYE Mower, Reaper AND SELF RAKER

NEW YORK. SAN FRANCISCO PORTLAND.



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MARCUS C. HAWLEY & CO.

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing that are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake grain equal to the Buckeye Self-Raker.

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CELEBRATED SWEEPSTAKES THRASHER

ALSO, THE GENUINE

HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS.

And a COMPLETE STOCK of

Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.

31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Horticulture.

HYMN TO THE FLOWERS.

BY HORACE SMITH.

Day stars that ope your eyes with morn to twinkle,
From rainbow galaries of earth's creation,
And dew-drops on her lovely altar sprinkle,
As a libation.

Ye matin worshipers, who bending lowly
Before the uprisen sun, God's hideless eye,
Throw from your chalices a sweet and holy
Incense on high!

Ye bright mosaics! that with starried beauty
The floor of Nature's temple tasselate,
What numerous emblems of instructive story
Your forms create!

'Neath cloistered boughs each floral bell that swingeth,
And tolls its perfume on the passing air,
Makes Sabbath in the fields, and ever ringeth
A call to prayer.

Not to the dome where crumbling arch and column
Attest the feebleness of mortal hand;
But to that fane, most Catholic and solemn
Which God hath planned!

To that Cathedral, boundless as our wonder,
Whose quenchless lamps the sun and moon supply,
Its choir the winds and waves, its organ thunder,
Its dome the sky!

There, as in solitude and shade I wander
Through the lone aisles or stretched upon the sod,
Awed by the silence, reverently ponder
The ways of God!

Your voiceless lips O flowers, are living preachers
Each cup a pulpit, every leaf a book,
Supplying to my fancy numerous teachers
From loneliest work!

Floral apostles that in dewy splendor
Weep without sin and blush without crime,
O, may I deeply learn and ne'er surrender
Your love sublime!

"Thou wast not, Solomon, in all thy glory,
Arrayed," the lilies cry, "in robes like ours."
How vain your grandeur! O, how transitory
Are human flowers!

In thy sweet-scented pictures, heavenly artist,
With which thou paintest Nature's wide-spread hall,
What a delightful lesson thou impartest
Of love to all.

Ephemeral sages! what instructors hoary
For such a world of thought could furnish scope?
Each fading calyx a memento mori,
Yet fount of hope!

Posthumous glories! angel-like collection;
Upraised from seed or bulb interred in earth,
Ye are to me a type of resurrection,
And second birth.

Were I, O God, in churchless lands remaining,
Far from all teachers and from all divines,
My soul would find in flowers of Thy ordaining,
Priests, sermons, shrines!

THINNING OUT GRAPES.

[A correspondent of the Grape Culturist, of St. Louis Mo. (S Miller), presents the following suggestions upon the importance of *thinning out grapes*, in order to secure *better fruit* and a *better crop*. It will be remembered that this is the same doctrine that the FARMER has often urged upon our Grape Growers—it is worthy of serious attention among our Grape Growers, as here in California our vines and trees are greatly injured by being permitted to over bear.—ED. FARMER.]

Is the importance of thinning out the fruit of the vine, duly considered by the majority of cultivators? I think not.

From close observation; and even sad experience, the subject, in my opinion, calls for much more attention than is usually given.

In young vines this is particularly the case.

Such vigorous and hardy constituted varieties as the Concord, may stand it to a considerable extent; but even they will eventually suffer.

This fault is not only to be found in the Vineyards of the novice, but can be seen almost everywhere in charge of those who know better.

This then being admitted, the next question is, how shall it best be remedied?

Shall we prune so much shorter, so as not to leave more wood than the vine can carry safely through, or leave more wood, and then thin out the bunches?

The latter, in my opinion, will be the best; for by the first plan, we get our fruit too much crowded, and throw too much force into the young canes for the following years bearing.

My impression is, that when a vine is pruned to what would seem about right, the pinching out of every third bunch, at the first operation pinching back, would be the best method.

I would leave but two bunches on each bearing shoot; and in some instances but one.

We all know that the forming of the seed of any fruit, is the heaviest tax on the plant.

This being the case, do we not give considerable relief when we diminish this tax one third?

I think we would be safe in counting on having the same weight of fruit in the two bunches, as if three are left.

Some years ago we grew Concord bunches in this way, which the Committee, who were to test them, would not admit to be that variety until they tasted them.

For marketing table grapes, this is particularly practicable. For instance—let one man take Concords that will average three-fourths of a pound to the bunch, and another have them as usually grown, my word for it, the large bunches will command nearly double price, not only among the wealthy, but the masses.

What is your idea about this? My object in writing this is to elicit experience from others, and your own opinion in particular.

(Our friend is right, in attaching a great deal of importance to the thinning out of the fruit. The overloading of the vines has ruined many a promising vineyard already. The best course, in our opinion, is, not to prune too short, as many buds will not even start; but do the first pinching early; just as soon as the young shoots are long enough to discern where the embryo fruit bunches will be, then rub off all weak shoots, and reduce the number of bunches, as he suggests. In a future number, we will describe it fully, and hope to be able to convince our readers, that this is the proper course to grow the best of grapes).—Editor Culturist)

PORTUGAL.

According to the last advices from Oporto, the Wine Crop in Portugal has given in 1868: 48,000 pipes, about equal to that of 1867, while the production of 1866 amounted to 60,000, of 1865 to 65,000, of 1863 to 83,000 pipes. This enormous deficit, together with the superior quality of this year's vintage has brought about numerous transactions at elevated prices.

It is also reported that at this moment a speculative excitement prevails in the province of Valencia, and that a good number of agents, sent by French houses, are noticed among the many buyers.

As it appears, the troubles now ruling in the peninsula do something to depreciate the Wine prices, and speculation, always alert, will take possession of this year's splendid product of the vineyards in these countries.—*Monthly Statistics.*

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Redivivia, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces a day being sufficient for a man even though under great fatigue.

These Indians call it "*Spat Lum*" or "Ptleem-asd-ilse-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this root can be found, and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of the California Farmer.

Miscellaneous.

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. WILSON & Co. T. H. MORROW.

A. L. CHAMBERLIN.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of

WILSON, MORROW & CHAMBERLIN,

will open in New York City about the first of November next, and will have the exclusive agency of our

WINES AND LIQUORS

in all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurius Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet.

30-12.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES.

ISIDOR LANDSBERGER,

30-12. 423 *Jackson Street.*

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as product of the extensive Ochards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY

State Agricultural Society, 1867,

TO THE

Natoma Vineyards

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-2

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

tf WARREN & CO.,
Farmer Office.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE.

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant a grower as the Doolittle or the Miami, but still it is a good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

Those plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowands, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francisco

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisso.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN APA VALLEY

Of 260 acres, on the most easonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....APRIL 15, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street.—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of *our Journal*, to which we would direct their *special* attention.]

Agricultural College Education.—We ask special attention to the very interesting Reports of the Massachusetts Agricultural College, one of the best managed, and most prosperous Institutions in our country.

Books for Horticulturists.—We invite our Horticulturists to peruse the very interesting Reports of the Committee on the Library of the Massachusetts Horticultural Society, by Edward S. Rand, Esq., Chairan. This Society is now in a mort flourishing condition, having a splendid Hall and property worth about a Quarter of a Million Dollars.

We call special attention of Parents to the excellent article, which we copy from the California Medical Gazette of our city. It should be seriously considered by Parents, for *one-third* of the weekly reports of deaths, are children *under five years of age*, and this is *wholesale slaughter*.

Value of a Vote.—Farmers should read this essay, and they will remember how often they have balloted to help others, and injured their own interests.

Electricity of the Brain.—Here is food for thought. There is truth in these ideas—more truth than poetry.

Diminution of Marriages, should receive a due consideration.

Mother's Birth Day will appear next week. It is unavoidably crowded out this week,

Completion of the Pacific Railroad will appear in our next.

Jennie Green,—The continuance of this Story, by *Bertha Bay*, next issue.

Plant, and Keep Planting—The very favorable weather which has been granted to our Farmers, should wake them up to a rare spirit of Industry. The earth is still soft in many localities, and crops of various kinds can still be planted.

The present time is most propitious for planting *Strawberries*, and many small fruits and seeds. This, with setting out Cabbage, Tomatoes, and many small things, should keep all at work. Every man of family should sow a succession of garden vegetables, Peas, Beans, Radishes, Turnips, etc. so as always to have these luxuries for his own "Home" use.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

ELKA POPULATION.—It is reported that the city of "Elka" can now boast of nearly three hundred people.

HOW THE GOLD GOES, AND WHY?

This State is sending away the Gold by the wholesale, and the business Exchange talks of a *stringency in the money market;* and this it is said is on account of our large exports of Gold East, and the drain for the Pacific Railroad, Manufactures, New Enterprizes, Mines, etc.

Now, to *our mind*, we can easily account for about *One Million of Dollars*, gone unnecessarily the last *three* months, and can show where we might have saved that amount, and added about *Three Millions of Dollars more*, thus making a difference to our circulation here of *Four Millions of Dollars*.

It is a well known fact, that there has been quite a depreciation in the *Value of Breadstuffs* the last three months, and quite a falling off in Exports. The *decrease* in the value of these shipments from January 1st to April 1st, as compared with last year is over *Nine Hundred Thousand Dollars* in value, and our Gold Exports have increased this year over *Seven Hundred Thousand Dollars*.—Here is the secret of the whole thing. Stop sending grain, or depreciate its value and the *Gold* goes and drains our market, and money is scarce and interest higher. Had our Farmers been wise and continued shipments last summer steadily, over Two Million Centals more could have been sent away. This at the price then ruling would have placed on our money market *Three Million Dollars* more, and this money would have been the relief that is now so much wanted.

Farmers! when wheat stops here, you must pay for any extra price of extra interest, cost in storage, etc. There is no gain to the mass of Farmers by the "Hold On" policy.

OUR ILLUSTRATION.

Is not this a pretty picture? who would not wish to be engaged in the ennobling duties of "Rural Life."

Look at this lovely landscape! See the ease and grace with which this young Farmer guides his handsome span of horses, and how handsomely he handles the lines—see the full-headed grain, and see the heavy bundles that the KIRBY has laid so neatly with its *Self-Raker* in the path ready for *binding*. March on KIRBY! the horses are looking to the end of the field, the work being nearly done, and they know it is *done well*, and they will soon go to their stable. Who would not be a FARMER?

Mess. Treadwell & Co. are the sole agents for the Kirby Mower and Reaper.

NEW FURNITURE WAREHOUSE.

We regretted very much that it was not in our power to be present at the Opening Festival which took place at the NEW FURNITURE WAREHOUSE of Mess. Geo. Whitney & Co., on Pine Street, a few days since. Our absence from the city in our Rural Rambles, frequently deprives us of many pleasant city festivities, but as there is no loss without some gain; so what we loose from the *City*, we gain in the *Country*.

We are truly glad to welcome back into the scenes of active business life, our old friend and former patron of the *Farmer*, Geo. O. Whitney, Esq., whose Card appears in our columns this week, at the head of the new firm of Geo. O. Whitney & Co.

We spent a very pleasant hour in looking over the large and spacious Warehouse of this firm; a grand New Building, *four stories high*, with large basement, and well filled from the ground to the uppermost rooms, with the very richest and best styles of Furniture ever shown on this Coast.

Mr. Whitney is one of the Pioneers of California, and a Pioneer in the Furniture business in 1850, and again in later years, is well and widely known, and now as the many friends of the numerous circle of his old customers shall read the announcement of the new opening, they will flock to the standard of this firm and give them a very prosperous business. The large amount of trade they have done in the first few days, is a guarantee that this will assuredly be.

In looking over their many departments, we were particularly pleased to see their large and handsome "Department for Upholstery" here handsomely carpeted rooms, all seperated from the others, await the convenience of Ladies, who desire to select their goods. This is a good plan.

We examined the superb Parlor and Chamber Setts, many of rare beauty and exquisite style, in value from $200 to $1000 each for Chamber Setts, and from $350 to $1500 for Parlor Setts. Several that we noticed of French Design, very unique and costly, Swiss Reception Chairs, superb Tables, magnificent Etargaes, with Wardrobes, Desks, and other Furniture of every kind, to suit either the purse of those of moderate means, or those who claim to be millionares.

Our space will not permit more notice now. We shall make another call, but in the meantime we ask our readers to call and see for themselves, and our young men and maidens in this county, who are now preparing to be married and go to "Housekeeping," by all means to call at the Warehouse of Mess. Whitney & Co., where we are sure they will be well suited, by the new firm of whom we have spoken.

THE SUGAR BEET.—There is quite an excitement at Sacramento and vicinity, relative to the Sugar Beet and Beet Root Sugar interest, and the Stock for establishing a manufactory has been nearly or quite all subscribed. We hope that if such an establishment is gotten up, it will be pressed on to complete success. Better not begin, than begin and not succeed. There can be no question of success if the Right men manage the business.—"Knowledge is Power," and without a true knowledge of any undertaking, there can be no permanent success.

—The merit of our actions consists not in doing extraordinary actions, but in doing ordinary actions extraordinarily well.

OPENING OF THE SOUTHERN PACIFIC RAILROAD TO GILROY.

Never did a brighter day dawn upon a Festive scene than came to the immense and happy throng that was gathered at the San Jose Railroad Depot this morning (April 8th,) for the Excursion to celebrate the opening of this soon to be great and prosperous highway.

At seven minutes past 9 o'clock, 12 passenger cars filled to their utmost capacity, and containing some 1200 or more persons, together with 13 open cars, with about 800 more started from the depot, the band discoursing sweet music, and many groups of people along the streets waving their kerchiefs in token of a merry "God speed you."

The rains of the last night gave a sweetness to the atmosphere and the bright sun revealed as it were a myriad of diamond-hued drops in the grass and on the foliage of the trees and plants along the route, till, by its warmth they melted away.

For some miles from our city, many persons who before may not have been conversant with the rapid improvements that were going on *outside* the city, became interested in the "Homestead Lots" that are being improved and built upon, and many persons speculated in theory upon the great and prosperous condition of our wide extending city in the future.

Everything in nature bears the impress of a most prosperous season; the earth has put on her richest robes, and all the combined art and skill of the famed weavers of *Turkish carpets* could not make the earth as beautiful as it is now, *naturally* arrayed in her robe of beautiful fragrant flowers.

The verdant grass gemmed with the Golden Escholtzia, the Cerulean Nemophila and the Purpurean Lupinus like the Royal Tyrean Dyes, and these interspersed with the Ixias, Violas, Crocus and Tulips, with here and there the stately Fleur d'Lis, made a carpet richer and more grand and beautiful than the art of man ever did or can prepare.

The scenery a few miles from our city is peculiarly beautiful, as the cars wind among the undulating hills, and the Bay reveals itself here and there, forming numerous scenes worthy the attention of our best artists, and we often wonder we have not more "Views around the Bay" from our able Landscape Painters. We formerly heard much and read much of the "Bay of Naples," and many a broad piece of canvas has copied, the laborious skill of ancient artists, but this was before the "Discovery of Gold" brought the "Bay of San Francisco" to the notice of the world. Now let our most eminent artists make this *our* Bay truly known.

As we were on our winding way an hour or so after leaving the depot, there was a slight sprinkling of rain, but only enough to give us a "Rainbow" now and then upon the clouds on the opposite of our sky as they were passing away.

Lively music cheered us now and then, and this with a very merry and happy crowd made the time fly swiftly and kept due pace with the cars that went sweeping on in their course to honor the Day and the Occasion.

On reaching "Redwood City," another gentle shower came down only to be succeeded by sunburst and "Rainbows," and thus we sped on our way.

Along the entire route we could but notice the remarkable excellence of grain of all kinds heavy set, a healthy green, and sure promise of an abundance. It is to be hoped some of the groves of fine *Native Oaks* along this route that yet stand in their beauty on the large farms, may be spared and not fall before the *thirst for money making*. Such spots are too rich in natural beauty to be given up to the Spirit of Avarice or Gain.

As we approached Santa Clara, the rain clouds gave us quite a heavy refreshing, and the prospect was now a *showery day*.

Another "sunburst" and the blue sky comes again; and adding some fifty more to our company at Santa Clara, we speed on to San Jose, and reach there at quarter before 12, being 2 hours, 38 minutes from San Francisco, including stoppages.

At precisely 12 o'clock, with a large addition of company and another band from San Jose, we again sped on, and now upon the NEW ROAD. The recent rains has kept the soil in such good condition that the *Plows* are still at work, and many crops will be planted advantageously. Along the entire route, the hills on the eastern and northern side were brilliant with their rich floral decorations, while the low and level land was rich in natural and cultivated crops. Large tracts of land [illegible] y under one ownership, only wait to be cut up to become a rich luxuriant garden spot.

The old residences, mostly Spanish or native Mexican, show but little improvement or comfort around them—few or no orchards or vineyards add to the adornment of this section of country.

The train arrived at Gilroy at 1½ o'clock, P. M., and such a merry and happy crowd are not usually found. The immense depot, some 400 feet long, had been neatly prepared for the occasion, and two tables extending the entire length was liberally loaded with the good things of life—there had been a most liberal provision made for all that should come, *and they did come by the thousands, and were all provided for too.*

From the main Depot to the building opposite, each being festooned with evergreens, there was placed banners, on one of which was written

"WELCOME TO GILROY."

and upon the other

"NO SNOW BLOCKADE."

Gilroy has a natural and very beautiful location, and is destined to be a very prosperous and thriving town. The Valley is some 16 miles long, and 12 broad. The soil is rich, the climate salubrious and healthy, and the people generally Farmers, are prosperous and contented. The main street of Gilroy *looks business*; there are several good business houses, and the Hotels of the place, each and all are doing a good business. The main street is broad and long, giving a grand beginning for a large town, which, by reason of the opening of this Railroad, and the increased value of land, must eventually become quite a prosperous place. We noticed a *coffin-shop*, and when we looked upon this pleasant and healthful Valley, we felt impressed with the fact that the *coffin-shop* would have but a poor business here.

While waiting for the cars, we could but feel that with streets so well crowded and the Depot thronged, the people of Gilroy would not very often look upon the like again, as by the least computation there must have been from 2,500 to 3,000 people assembled there.

About 3½ o'clock P. M., a meeting was organized for speakers, and very soon the interests of Railroads was the theme of the speakers; although there were several good speakers, there was none whose words seemed to entrance his hearers like the words of W. H. L. Barnes, Esq., whose eloquence was indeed of the true metal.

After a season of speaking, the meeting merged into a merry Dance, and this was continued until the bell announced the departure of the train from Gilroy at the hour named, 6 P. M., for San Francisco, and the conclusion of the Festivities for them. The Festive scene was kept up in the evening by the citizens of Gilroy and the neighborhood, and they made a merry and happy time of it.

We have noticed some of our Journals have made complaints of the hotel charges there; no one need to have gone to a hotel, as there was ample abundance at the Depot, and of the best, and we can say, without fear of contradiction, that the Banquet at Gilroy, for completeness and liberality, reflects the very highest credit upon the Managers of the occasion. It was one of the most liberal outlay, and most complete arrangements for the guests invited that we have ever attended, and none but the extremely selfish could have found reason to complain.

One thing should be mentioned, to the credit of this large assembly; although a mass of people of all classes and ages, yet we saw no noise or confusion—heard no swearing or coarse language, nor did we see a single person intoxicated, notwithstanding the very free and liberal use of wine, champagne, etc. This certainly was most creditable to all concerned.

The whole celebration reflects credit upon the President and Directors of the Road, and of the citizens of the Towns who showed their liberal co-operation on the happy occasion.

OUR MINING INTERESTS.

The recent increasing attention paid to the mining interests of our State has caused a corresponding attention to the invention of new and various kinds of machinery, and of apparatus to carry on the work of Quartz Crushing, and of separating and saving of Gold, Silver, Quicksilver, Sulphurets and Amalgam. As great loss accrues from waste in all these, therefore every effort of mind has been given to secure the best kind of machinery and works to this end.

Among the many new and valuable inventions that have excited public attention of late, we notice as most prominent "The Evans Corrugated Riffle and Concentrator."

As an evidence of their value, we give the following letters which have been received, speaking of their value and excellence, and coming as these letters do from men practically engaged in mining, they speak with effect.

Those who wish to see and know these valuable aids to mining should call at the Paper Warehouse of S. P. Taylor, Esq. on Clay Street, where the Riffle can be seen.

The following are the letters to which we have alluded:

OFFICE NEVADA MILL, VIRGINIA CITY,
April 7, 1869.

O. T. GRAEF, ESQ.—*Dear Sir:*

Your favor of March 26th came to hand in due time, and this is the only moment I have had to answer, intelligently. At the last of the month and until after pay day on the 5th of each month, I am exceedingly busy, and this month much more so than usual from the fact that I shut down my mill on the morning of the 2d to put a new engine in, and am now running the work night and day to finish it in the shortest possible time.

With regard to the "Evans' Riffles" I have this to say: nearly one year ago, Mr. Evans made, or rather, I had a short section of [illegible] Riffles made under his direction, as an experim[illegible], and it performed very satisfactory, saving [illegible]artz, Silver, Amalgam, and Sulphurets. Since [illegible] return here, they have had his Riffles workin[illegible] at the Rhode Island Mill at Gold Hill. I talke[illegible]ith Mr. Pierce the superintendent since receiving your letter and he speaks in the highest terms of the Riffles, and says they have saved him thousands of pounds since he has been using them, and considers them very valuable, and a great acquisition to any mill. I have also tried a four feet section in the Ogden Mill when Mr. Taylor and Evans were here, which surpassed my expectations in the amount of Amalgam and Quartz Silver saved, in less than an hour's run. Our Mill Company would not authorize putting them in these mills permanently, for the reason that they expect to take all the mills to the river soon, and will not expend any money in any shape now, where there is a possibility of getting along without it.

If I had a mill of my own, I would surely have these Riffles, as I am certain they will make a great saving in Quartz Silver.

Wishing the Riffles and yourself success, I am dear sir, Yours Truly, S. B. HOPKINS.

GOLD HILL, NEV., March 10, 1869.

MR. S. P. TAYLOR—*Sir:*

I have seen in operation below the Rhode Island Mill, Evans' Corrugated Riffle and Concentrator, and I do not hesitate to say, that it is the very best apparatus yet invented for saving Quicksilver, Sulphurets and Amalgam.

Respectfully Yours, THOMAS ARMSTRONG.

Acknowledgments.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

Congressional—We are indebted to Hon. Cornelius Cole for valuable Documents from Washington, for which we return thanks.

We have to return thanks to Hon. M. P. Wilder for valuable Reports on Horticulture, and for interesting Reports upon the Massachusetts Agricultural College.

Musical.—We have received No. 1. of Howe's Musical Monthly, a very large and fine Periodical, announced to be issued regularly each month, and to contain over *Twenty Pieces* of the choicest new Waltzes, Marches, Polkas, and others of the very best. This will prove a valuable work to students in music.

Watson's Musical Almanac.—This is a new idea, but *right* however, for there can be no *good* music without *good time*; so an almanac to give good account of time must be musical, and Watson's Musical Almanac is of that sort, and a very good one too.

Catalogue.—We have the new Catalogue of Green-House and Bedding Plants of Mess. Graves, Selover, Willard & Co. of Geneva, N. Y., containing many new and valuable plants.

Advertisers Gazette.—We have the March number of the Advertisers Gazette, by Geo. P. Rowell & Co., 40 Park Row, N. Y. This is really a most valuable publication to Newspaper men, and also to business men, and contains a large amount of business information. It is issued by them at $3 per year—a periodical of 24 pages monthly.

More New Potatoes.—We have just received four more new varieties of Potatoes, to test in the fine climate and soil of our prosperous State. The varieties received are the "White Chili," "Orono," "Patterson Blue," and Seedlings of "Harrison."

These all came safe and in fine order by mail, from the celebrated Potato Farms of L. D. Scott & Co., Huron, Ohio.

Surprise Oats.—By letter, we have samples of the NEW SURPRISE OATS, from the Agricultural Department at Washington, D. C., for which we return thanks. By reason of the very favorable season, new and rare samples of Wheat, Barley, and Oats can be safely planted to secure the seed for another year.

A NEW INVENTION.

ROOFS OF ALL KINDS TO BE IMPROVED.

A patent was obtained a few days ago by the American Fibre Company for an entirely novel mode of constructing roofs and walls of buildings, waterproof floors, tanks, etc.

The fibre used is made from the cane or reeds of the cane-brakes of the Carolinas and other Southern States, disintegrated by the explosive force of steam by the process recently described in the *Richmond Dispatch*. The fibre as it comes from the steam gun is in the shape of long fine tendrils, resembling oakum. This fibre is twisted or spun into a single yarn or strand, several of which strands are interlaced so as to form a stout matting, which is charged with a composition of tar and pulverized slate or soapstone, limestone, etc., forced into and amongst the fibres by great pressure, so as to make a solid slab. The fibre being thoroughly disintegrated and very absorbent, forms a good base for the mastic.

A series of these slabs made with rabbet joints are joined together and nailed to the rafters, the joints are cemented, and then another series of the slabs, made in the same manner, are laid over the others so as to break joints in every direction, the upper series being fastened to the lower with a mastic composed of the pulverized slate, etc., and tar, and the joints being cemented together. A light, strong, solid, indestructible slab is thus produced thoroughly water-proof and practically fire proof also. A similar composition, used for roofs in Montreal and New Orleans, is unaffected by the heat or cold.

As the steam-blown reed fibre can be supplied from Norfolk, Va., and Wilmington, N. C., to New York, Richmond, Baltimore, Boston, etc., for fifteen to twenty dollars per ton, and the pulverized slate can be obtained at about the same price, and the tar is cheap also, it is claimed that this invention secures the cheapest as well as the best and most durable roof ever made.

The roof resembles a solid block of slate or stone about an inch thick. A coating of sand is forced into the composition so as to lighten the color and make it resemble stone. The cost is less than half that of a tin roof.

The inventors propose to make the same slabs available for the outer walls of buildings in lieu of bricks, stone or wood. The same company have also obtained a patent for a substitute for lath and plaster. For this purpose fibrous composition panels are made by the above method from steam-blown cane fibre, in combination with silicate of soda (liquid flint,) lime and clay. These panels are fire-proof, and well adapted for ceilings, inner walls and floors, also for cabins of steamboats and railway cars. It is claimed that the fibrous composition panels are much cheaper than lath and plaster, and that they do not warp, crack, peel, crumble or decay, and that they keep out heat and cold.—*Richmond Dispatch.*

Rain Coming.—By the recent accounts from the country, of cold winds and frosty weather, and the general prevailence of cold nights, we are strongly led to believe that *Rain* is near, and unless we have a change of wind and milder weather soon, we shall have a cold rain before *Sunday next*; so *Hay-makers* prepare for it.

Virtue is like precious odors, most fragrant when they are increased or crushed; for prosperity doth best discover vice, but adversity doth best discover virtue.

New Advertisements.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds New Brunswick Oats, by Mail, for	1 00
4 Pounds of Swedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
1 Pounds of Harrison Potatoes, by Mail for	1 00
1 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed for	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed, for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *the Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER OFFICE.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO.

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS.

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all the trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING R

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES,

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separater,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Old Stand, Cor. of California and Battery Sts., SAN FRANCISCO.

SPENCE & LENDRUM,
Agents, San Jose.

sp-7.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*, Can obtain SUPERIOR SEED at the

FARMER OFFICE.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

New Advertisements.

COMMERCIAL
STEAM
Printing House.
The Largest Office in the State.
No. 517 CLAY STREET,
510, 512 & 514
COMMERCIAL ST.
FRANCIS & VALENTINE

THE CHURCH UNION.

This paper has been recently enlarged to mammoth proportions. *It is the Largest Religious Paper in the World.* Is the leading organ of the Union Movement, and opposes ritualism, close communion, exclusiveness and church caste. It is the only paper that publishes Henry Ward Beecher's Sermons which it does every week, just as they are delivered,—without qualification or correction by him. It advocates universal suffrage; a union of Christians at the polls; and the rights of labor. It has the best agricultural department of any paper in the world; publishes stories for the family, and for the destruction of social evils. Its editorial management is impersonal: its writers and editors are from every branch of the church, and from every grade of society. It has been aptly termed the freest organ of thought in the world.

Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

The agency for the *Church Union* is the *California Farmer* Office, San Francisco, where subscriptions will be taken and copies furnished.

Send for a copy, enclosing 10 cents, to

HENRY E. CHILD,
30-32 41 Park Row, New York.

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes, ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed.

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it.

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story.

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

31-1 Proprietor of the Auzerais House.

Country Homes Wanted

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

ALL Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office.

New Advertisements.

GEO. O. WHITNEY & CO.

PIONEER

FURNITURE

AND

Upholstery Warerooms

MANUFACTURERS

AND

IMPORTERS.

ESTABLISHED 1850.

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The near approach of the completion of that Grandest of all HUMAN ENTERPRISES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

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Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

Home Miscellany.

"SHALL I DIE ALONE?"

When the rich gold and purple of Life's sunset
  Lies in its beauty on the silent sea;
When on the shore I see the white-robed angel
  And hear his whisper, "God has called for thee,"—

Eyes lit with love will watch me on the sea-shore,
  Warm human hands will fondly press my own;
But can I bear them with me on my journey
  Out through the dimness of the world unknown?

And this great beauty of the earth and heavens,
  The holy night whose glory fills my soul,
The softened amethyst of fading twilight,
  The gleaming stars on night's emblazoned scroll—

The rosy light of morning on the mountains,
  The tender purple of the distant sea,
Things I love now, from henceforth all forgotten,
  What of their beauty can I bear with me?

"Alone, alone," sighed gentle-hearted Pascal,
  And yet I think that not alone we die;
Though all this world is dimly fading from us
  And we alone, if one kind Friend is nigh?

One who hath said, "Lo, I am with you always,"
  The way-worn Man who sat by Galilee,
Speaking good words and healing all the people,
  Who lived and died for love of you and me.

O, not alone, for this our Friend and Brother,
  Though Heaven's great angels bow before His throne,
Shall stand with us upon the silent sea-shore,
  His hand shall guide us to the world unknown.

ON THE MANAGEMENT OF CHILDREN.

By E. Malcolm, M. D., San Francisco.

A physician in large practice has but little time, and often less inclination, to devote much of his attention to this important and sadly neglected branch of our profession. In each of the families in which we practice, our duties are not merely limited to prescribing for the diseases as they occur, but it is also our business, as physicians, to watch over the well-being of each member of a family that is under our medical direction; to give them good advice when we find it necessary for the preservation of their health; and especially to direct the parents as to the best means of bringing up their children in such a way that they may remain as much as possible in good health, and acquire strong constitutions.

I am well aware that what I am about to write contains no very new or startling information on this important topic. I am not so much "*cupidus novarum rerum*," as I am anxious to bring before the minds of some of my medical *confrères* certain valuable facts which many of them have known, and almost, or entirely forgotten: certain directions, taken from our ablest authorities on this point, which, if followed out, would save the lives of hundreds of children. The importance and value of these practical and *common sense* hints which I have *collected*, must prove my apology for the imperfect manner in which I have arranged them. There are very few physicians who cannot pick up one or two things, probably of much service to them, from some of the authors I quote in this article.

* * * * * * * *

Dr. Bedford says: "The absurd and mischievous practice prevails, too generally, of giving the little infant oil or some other medicine almost simultaneously with its birth, and of filling its delicate and much-abused stomach—a stomach whose powers of assimilation are extremely feeble—with food of domestic manufacture; and hence the 'pap bowl' is a fixture of the lying-in room. This practice, which is one of the products of remote but regular tradition, is fruitful in bad consequences, oftentimes proving the starting-point of disease and death. Why, gentlemen, is it not strange that, with all our boasted intelligence, we should be so inferior to the brute creation in the management of the young? Do you see the slut, with nothing but instinct to guide her, guilty of these absurd practices? Here, there is no medicine given, no pap forced down the throats of her innocent little offspring. The pups, as soon as they come into the world, seek each one the teat of its parent, and from these teats they extract both medicine and nutriment. They grow and become developed; they are healthy, and rarely do they need the services of the physician, for the reason that they observe the ordinances of nature. My rule therefore, is, as a general principle, to give the newborn child nothing, for the reason that it needs nothing but the material which nature has so carefully and elaborately prepared for it; and that material is the Mother's milk."

FEMALE STUDENTS IN ENGLAND.

The experiment of throwing Cambridge University, England, open to the admission of young lady students is to be tried this year. The first examination for admission is to take place on the 5th of next July. Candidates are required to be eighteen years of age on the 1st of January of this year, and to make application before the 1st of May.—Examinations will be held in any place where twenty-five fees are guaranteed, provided a committee of ladies will superintend the examination and provide accommodations for strangers, and that a suitable person will receive the examination papers. The result of the experiment will show how far the women of England really desire a higher education than is now afforded them.—*Boston Journal.*

The road to ruin—The highway to Pompeii.

DIMINUTION OF MARRIAGES.

The tendency to celibacy is the result of false reasoning indulged in by young men. We will not be ungracious enough to deny them the possession of refined social feelings, chaste affections, or any of the qualities that temper man's asperities and make him fit to preside at the holy communion of the hearthstone. No, no, we will not suppose him a beast; for then to reason were impossible. But he reasons wrongly. He says, "I am not ready to get married." Mark that man! he never will be. Few, the very fewest, ever direct their energies to prepare for such an event. A man cannot adapt himself to the circumstances of the married state so long as he remains single. He needs to feel the marriage halter draw before he addresses himself to the changed mode of life, before he begins to love in earnest, before he begins to stay at home of nights, before he begins to economize. Before marriage he is a great hulk, utterly at sea, without anchor, a helpless prey to every adverse wind and every buffeting wave. Afterwards he is a noble ship, securely moored, and able to laugh at storms and tides. California, the States of the Pacific, and all the Territories are sending for marriageable ladies. The want of families and the absence of society are to them a curse. A thousand marriage ceremonies would do more to elevate the morals of such communities than a thousand sermons. They would be more than church, or preacher, or homily; they would be law and order, and safety, and wealth and health, besides. The marriage tie has so proved at all times and among all nations.

[We clip the above from the *Mass. Ploughman.* There is great truth in his words, but if he will come to California and see how rapidly people are married, and how quickly *un*-married, he would write another essay.—Ed. Farmer.]

ANTIQUITY OF MAN.

At a recent meeting of the Chicago Academy of Science some interesting facts were introduced to prove the great antiquity of the human race. Deep down in the Nile, in Egypt, it was stated that the remains of men had been found, to which the Pyramids were young. In 1854, borings were made between Henopolis and Memphis. They were carried to the depth of seventy-two feet, and did not pierce through the Nile mud. At every foot, fragments of pottery were found. The deposit of mud is calculated to have been two and a half inches in a century. The pieces of pottery found at the lowest depths would thus be 38,000 years ago. Compared with it the Thebes of Homer was modern. During the past season in California, in the gold drifts, had been found a skeleton of a man, covered with three overflows of lava. If true, it carries back the epoch of the introduction of man to a remoter time than any European observations. While there are abundant evidences of glacitation of great parts of this continent, these phenomena were wanting in California, as though the Rocky Mountains acted as a barrier. But glaciers covered vast areas of the Sierra Nevada and crushed up the gold strata and carried them down. That grinding up might be referred to the glacial period. It was probably that comparative tranquility followed those violent phenomena. The valleys were filled with modified drift. Those deposits served mainly as the grave of the fossil elephant, while the mastodon was found in swamps. At Natchez there was a terrace of sixty feet, where Dr. Nixon obtained the pelvic bone of a man, intermingled with bones of the mastodon and megaloox.

Home.—The moral salvation of men and women depends, in a great degree, upon home surroundings. Men who never have good and well-cooked food nor pleasant society nor easy chairs nor tasteful rooms at home are pretty sure to patronize restaurants, saloons, bar-rooms, or the houses of happier neighbors.

—We rarely meet with persons that have a true judgement; which, in many, renders literature a very tiresome knowledge. Good judges are as rare as good authors.

CULINARY DEPARTMENT.

Breakfast Balls.—A little cold mutton or beef or both—a slice of cold ham—a small quantity of, fine bread crumbs—a bit of sage, parsley or thyme—chop well together—add 1 egg, a little melted butter, pepper and salt. Take a tablespoonful of this mixture, dredge it well with flour, drop it into hot lard and fry brown: it is very nice.

Sour Milk Doughnuts.—Take two cups of sour milk, one teaspoonful of soda, two tablespoonfuls of cream, one cup of sugar, and one egg put into the mixture without beating; add flour enough for a stiff paste; salt and spice to taste.

Lemon Pie.—One tablespoonful of corn starch dissolved in a little cold water—pour over it one teacupful of boiling water—add one cupful of sugar—one egg (reserve the white to go on the top after the pie is baked)—one tablespoonful of butter and flour with one tablespoonful of lemon extract—bake with under crust.

Apple Souffle.—Pare, core, and stew until tender, six large tart apples—press through a seive—flavor and sweeten to taste—then add while hot the yolks of six eggs—beat up the whites with one cupful of white sugar, and spread it over the apples. Eat cold with cream.

ASPARAGUS.

Well! will you buy the *White* Asparagus that is absolutely *poisonous*, and of which you can only use *one-fourth* in weight of what you purchase? or will you buy the *natural esculent* that is green, tender, melting and rich, and of which you can eat seven-eighs of the amount purchased; besides there is more nourishment and palatable food in *one pound* of the Green Asparagus than in *ten pounds* of the White.

ELECTRIC ACTION OF THE BRAIN.

A writer in the London Spectator propounds a new theory in reference to the numerous well authenticated facts in which persons at the moment of death have made their presence seen or felt by distant friends. He suggests that the brain has the power of producing waves or vibrations in an atmosphere peculiar to itself, just as a magnetic battery sends an undulation through the magnetic fluid contained in a telegraph wire, or a bell sets the air surrounding it in motion when it is rung. At the moment of death, particularly by death of some violence which finds the body in full vigor, the brain, exerting itself with spasmodic intensity, causes those brains which are connected with it by affinity to feel its power, and thus to perceive the presence of the person to whom it belongs.—Such oblique methods of communicating between brain and brain, if such there be, would, in the opinion of the writer, probably but rarely take effect. The influences would be too minute and subtle to tell upon any brain already preoccupied by action of its own, or any but brains of extreme, perhaps morbid, sensibility. But if, indeed, there be radiating from living brains any such streams of vibratory movements, these may well have the effect, even without speech, and be, perhaps, the *modus operandi* of "the little flash—the mystic hint" of the poet—of that dark and strange sphere of half experiences which the world has never been without.

The theory, to which the propounder gives the name of "brain waves," is an ingenious one, and may yet receive scientific corroboration. That this material world has within it a host of forces not appreciable by the coarser senses, and that mind can act on mind without audible speech or visible motion, and at distances beyond the reach of sound or sight, is getting to be generally conceded. But how, or under what conditions, this power exhibits itself, is still an interesting subject of inquiry.

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This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for any disease of the

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Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

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Miscellaneous.

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A person somewhat acquainted with the nursery business is preferred.

No one but a steady and industrious young man need apply.

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STRONG ROOTED VINES

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Send orders to

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Miscellany.

WHAT YOU MAY, AND MAY NOT, CALL A MAN

There is more or less of the animal about a man; that nobody will deny. Plato's definition of a a man was, "an animal without feathers, walking on two legs." This was too much for Diogenes, who caught a rooster, plucked it, took it into the school, and scornfully asked "if that was Plato's man?" We don't know how Plato got out of it, and don't care, as this has but little to do with the matter on hand. Though an animal, a man does not like to be called a beast; yet there are many known as "bulls" and "bears" that accept these appellations as rightly bestowed and properly belonging to them, though individually, in another sense, they would object to being called bears. There are many who would like to be known as "lions," or even tiger would be considered more complimentary than calf. Many a good fellow would like to be regarded as a "brick," and you may call a man "dear fellow," but don't think of calling him a moose. To be called a "duck of a man" would please many an individual who would take it very hard if called a goose, independent of the misnomer. Call a man a "puppy," and he'll resent it; but call him a "sly dog," and you'll rather please him. Don't call a man a hog, even if he is a bore, nor an elephant if he happens to be a "heavy-weight;" but you may call him a "fox" or a "coon" with impunity. A man doesn't like to be called a shark, but you may call him a "queer fish" without offence. Never call a cross-eyed man lynx-eyed—he'll think you are "sarkastic." Call a man a jackass, and he'll talk back; but you may call him an "old rat," and it is ten to one he'll ask you to "take suthin." A man who wouldn't feel complimented at being called a cormorant, would smile at being called a "night-owl." Don't offend by calling a man a gosling, but you may call him a "gay rooster" without offence.—Don't call a man a fool; call him a clever fellow, which amounts to the same thing, and sounds prettier. A man would be well pleased to know that you said he was keen as a razor, yet would object to you calling him "sharp." To call a man a stone would be considered reflecting on his intellectual powers, but you may call him a "brick" to his great satisfaction.

ANCIENT CITIES.

Ninevah was 14 miles long, 8 wide, and 40 miles round, with a wall 180 feet high, and thick enough for three chariots abreast. Babylon was 50 miles within the walls, which were 75 feet thick and 100 feet high, with 100 brazen gates. The Temple of Diana, at Ephesus, was 420 feet to the support of the roof. It was 100 years in building. The largest of the Pyramids is 481 feet high, and 653 on the sides; its base covers 11 acres. The stones are about 60 feet in length, and the layers are 208 in number. It employed 330,000 men in building. The Labyrinth in Egypt has 300 chambers and 12 halls. Thebes, in Egypt, presents ruins 300 miles around, and contained 359,000 citizens and 400,000 slaves. The Temple of Delphos was so rich in donations that it was plundered of $50,000,000, and Nero carried away from it 200 statues. The walls of Rome were 13 miles round.

ONETEEN, TWOTEEN.

A new trouble has assailed the tender consciences of some people in Yankeeland, who fear that it is sinful to say "eleven" and "twelve." Mr. John Fiske comes to their relief in the N. Y. *World*, and says:

We do say oneteen and twoteen when we say eleven and twelve. In Anglo Saxon these words appear as ainlif and twalf. Now in these forms the ain and twa are the Gothic words for one and two. What then, is the part lif? It is a modification of the word liba, meaning ten, which appears also in Lithuanian as lika; the change from the labial *b* to the guttural *k* being just like the change from Latin *lupos* to Greek *lukos*, a wolf. Now in Lithuanian they say *daylika* for thirteen, etc., using throughout the same root which we use only in these two apparently exceptional cases. Finally, he who recollects how often an initial *d* interchanges with an initial *t* in the mouths of those who speak hastily, and who bears in mind the Latin words *dinyua* and *lingua* for tongue, and the Latin *lacruma* and Greek *dakru* for a tear, will find no difficulty in connecting this Lithuanian *lika* with the Greek *dakru* and Latin *decem*. So that eleven and twelve are not exceptions to our otherwise universal rule in naming numbers, say so far as they are built up out of a somewhat unusual form of the word *ten*.

OILING BELTING.—Too *Shoe and Leather Reporter* says.—When oil is applied to belting dry, it does not spread uniformly, and does not incorporate itself with the fiber as when partly damped with water. The best way to oil a belt is to take it from the pulleys and immerse it in a warm solution of oil and tallow. After allowing it to remain a few moments the belt should be immersed in water heated to 100 degrees, and instantly removed. This will drive the oil and tallow all in, and at the same time properly temper the leather.

—The staff of the Paris National Guard having advertised that the position of drum-major in that part of the French militia is vacant, twenty or thirty men, over seven feet in height, have come to Paris as applicants for the place, and they are daily promenading on the boulevards, to the great disgust of all small Parisians, who look shorter than ever.

—Hoops have been compared to obstinate persons, because they stand out about trifles.

—In the languague of flowers—if you wish for "hearts ease," never look to "marry-gold."

Juries most dangerous to our liberties—Perjuries.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company Incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retailers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.
30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS.

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL Concord HARNESS, for the Pacific Coast.

AVERY

PUMP WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc. being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS!

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,802 82
CASH ASSETS	$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE

OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Sellgman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull, S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.

SACRAMENTO
Edgar Mills, G. W. Mowe, C. T. Wheeler.

MARYSVILLE:
J. H. Jewett.

STOCKTON:
T. R. Anthony.

PORTLAND, OREGON:
W. S. Ladd, Jacob Kamm.

VIRGINIA, NEVADA:
Wm. Sharon

Officers:

JONATHAN HUNT, President
A. J. RALSTON, Secretary,
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.
T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street,

Railroad Lands.

CENTRAL PACIFIC RAILROAD, LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Oils, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, April 15

The Grain Market continues to show every appearance of a still further decline, both in Europe and in all the largest Grain Markets at the East.

From all sources, from all Countries comes the song of "abundant harvests," and however this may disappoint those whose minds may be looking to the high price of Grain and Breadstuffs as a source of wealth to *themselves alone*, should we not rather rejoice at the prospect of this abundance the world over, which shall feed the *Millions* that are in want, and to whom this abundance shall come as a bounteous *Blessing from Heaven* to the *poor and needy* ones of the earth.

The quotations yesterday of Wheat at Liverpool, was 9s. 3d. the lowest figures yet reached, at New York $1.60, currency, being an almost certain loss to shippers of recent date. The evidence is clear that, as we have said for months past, the price for New Wheat must reach a low figure, even 1½c. or less, as the tendency is steadily downwards, with little or no Grain going abroad, and our city mills, many of them standing still.

Our Wool Growers find a better market this season, and their prospect are better. Let them realize when they can, as they now secure good prices for their clip.

We would particularly commend to all our Farmers this fact, when the great staple productions of a country remain on hand and in store, the immense amount of capital required to carry them on, causes Gold to become scarce, and *interest money* high, and the blow falls heaviest on the *producers*. They will *see and feel* this always. The shipment of Grain and Flour has almost ceased, and *Money* is again quoted at 2 *per cent.* Grain has been held back, and *Gold Exported.*

Grain, &c

Wheat California, ₱ 100 lbs	$1 45	@	1 55
do Extra	1 55	@	1 65
Barley, ₱ 100 lbs	1 85	@	2 10
Rye ₱ 100 lbs	4 00	@	4 50
Oats, California, ₱ 100 lbs	1 80	@	2 05
Corn ₱ 100 lbs	1 50	@	1 65
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	5 00	@	5 50
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 25
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	16 00	@	20 00
Middlings ₱ ton	26 00	@	30 50
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes	75	@	90
do sweet	2 00	@	2 50
Onions	5 00	@	5 50
Hay, ₱ ton, extra	12 00	@	16 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	500	@	7 00

Retail Prices in the Fruit Market.

Our Fruit Market is opening and developing itself with the season, the various stands are daily changing their monotonous appearance, and throwing off the rusty looking Apples, etc., and placing in their stead, fine and delicious Strawberries. Thanks for the glorious sunshine, which in this salubrious climate, is bringing rapidly to perfection Strawberries and other early fruits. Thousands of pounds of Strawberries are daily being brought into our market, and tens of thousands must be brought in to meet the demand. Our Fruit Market is certainly the Flower of the day—the beautiful, fresh and delicious fragrance which is to be inhaled amongst the flowers and fruits, early in the morning in our markets is beyond description, and to see the Strawberries turn out in those beautiful pennetts of Mr. Gould,s, is indeed a pretty sight. They come to hand as fresh as lilies, without the slightest bruise or disfigurement, equally bright and fresh in appearance as when just gathered.

The Oranges received from Los Angeles are good; so also Pine Apples from Panama.

Apples, ₱ box	1 50	@	3 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons		@	
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	—	@	—
Strawberries, ₱ lb	15	@	20
Raaberries, ₱ lb	40	@	50
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	1 50	@	2 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chili do	—	@	15

Retail Prices in the Vegetable Market.

Our Market keeps up its popularity—at all events our gardeners are disposed to convince our citizens that they are doing their best to keep up the supply of Greens and Vegetables, and of such quality which leaves little room for complaint.

Root Crops, such as Turnips, Carrots, Beets, Parsneps, etc. are much finer and better grown than any hitherto brought to market; so also are the Royal Cabbage and Neapolitan Lettuce; these two varieties are the most suitable for this climate. Onions are becoming scarce, consequently are very high in price. Our gardeners must sow a greater breadth of this invaluable crop; a few rods of ground will produce many bushels of Onions, and if they realize one or two cents per pound, will pay for labor, etc. At present they are worth eight to ten cents, and as a rule, persons do not care about exceeding four or six cents, when 4 pounds can be had for a quarter, every householder keeps a stock of them, but as it is, they resort to other esculents. The demand for all garden produce is increasing much. Prices for all being good.

Asparagus, ₱ lb	10	@	12
Artichokes, (Fr.) ₱ doz	37	@	75
Brussell's sprouts, ₱ lb			
Beets, ₱ doz	8	@	10
Broccoli, ₱ doz	—	@	25
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz		@	1 50
Carots, ₱ doz	100	@	1 25
Celery, ₱ bunch	—	@	25
Cress, ₱ doz. bunches	10	@	15
Cucumbers, ₱ doz		@	25
Cranberries, ₱ gall	—	@	3 00
do eastern, ₱ gall	1 00	@	1 25
Dried Herbs, ₱ doz	1 50	@	200
Egg Plant	—	@	50
Garlics, new	—	@	—
Green Peas, ₱ lb		@	50
Green Corn, ₱ doz ears	8	@	10
Sugar Peas		@	—
Lettuce, ₱ doz bunches	—	@	25
Mushrooms, open growth, ₱ lb	25	@	37
do cultivated		@	75
Onions, ₱ lb		@	1 00
Horseradish	8	@	10
Okra, dried, ₱ lb	20	@	25
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	4	@	6
do Sweet	2½	@	3
Pumpkins		@	
Parsnips, ₱ doz bunches	25	@	35
Parsley	25	@	75
Pickles in jars, each	8	@	20
Rhubarb ₱ lb	1	@	2
Radishes, ₱ doz bunches		@	
do yellow		@	
do black, ₱ bunch	25	@	25
Green Peppers	25	@	37
do Red		@	
Squash, Summer	1½	@	1
do Marrowfat	2½	@	3
do Hubbard		@	
Beans, String		@	
Green Lima, shelled		@	
Spinage, ₱ basket		@	
Salsify, ₱ bunch	25	@	30
Turnips, ₱ doz		@	25
Tomatoes, fresh, ₱ lb		@	

FISH

(Teasmore and Hayes.)

The Market has been well supplied with Fish of all sorts in season, and the demand through some cause or other has been unusually large. The Celestials appear to be the first in the market, before daylight they are to be seen, anxiously waiting for the arrivals, and John is ever ready to select the finest and best for the purpose of hawking around the city, and on all which he puts heavy profits. The following are the prices realized in California Market.

Salmon, ₱ lb	—	@	10
do smoked, new	—	@	30
do pickled, ₱ b	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	37½
Smelts	8	@	10
Perch	8	@	10
Rockfish		@	15
Codfish, dry	—		18
Herring, fresh	—	@	
do smoked		@	1 00
Tomcod	—	@	25
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	
Turbut		@	50

MEATS.

(L. Miller & Co.)

There is a decided improvement in the Pork Market; undressed is worth 8 to 10 cents per pound; dressed, 12 to 15. Such prices we think leaves a margin for good profits for the raiser, as well as the retailer. Many of our householders find that Pork goes further in the supporting of their families, than other meats; consequently, the increasing demand for well-fattened Hogs. There is a slight decline in the prices of Beef, etc.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cutlet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	20
do Oregon	18	@	20
do Imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Cured		@	32

POULTRY AND GAME.

There has been a falling off in the quantities of Chickens, Ducks, etc. sent to market this week. Game, too, has been scarce. Our Dealers' stands have not looked so showy and well, nevertheless, a good business has been done, and at good paying rates, which the following prices will prove.

Ducks, wild ₱ pair	75	@	1 00
do tame	2 00	@	2 50
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	9 00	@	10 00
Spring Chickens	9 00	@	10 00
Turkeys, ₱ lb	—	@	28
Ducks, tame, per doz	8 00	@	8 50
do wild	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	350	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Our California fresh Butter has become so favorable, that packed Butter is out of the question, and none in the market; shortly such a sound as packed Butter will soon become one of the things of the past. In this climate we can have fresh green food for cattle the year round, therefore, as our dairies increase, the quality of sweet fresh Butter will also increase.

Butter, California, ₱ lb (Fresh)	40	@	45
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	40	@	45
Duck-eggs	—	@	45
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	33	@	35
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	17	@	19
Eggs, ₱ doz	—	@	35
Lard, ₱ lb	12	@	15

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 10 @ 12½c ₱ lb
do. 2d do. 7 @10c.
MUTTON—7@9 ₱ lb. LAMB— 11@12½c.
PORK—undressed, —8@10½c; dressed, 12½@15c.
VEAL—9@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20	@	22
Medium	15	@	18
do burry	10	@	12
Wool-sacks, new	70	@	93
do second-hand	40c	@	50
Dry hides, ₱ lb	16	@	17
Green salted, ₱ lb	7½	@	8
Sheep skins, wool on	40	@	50
do do plain	15	@	30
Goat skins, each	40	@	60
Refined Tallow	8½	@	9¼

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

April 17th—GOLDEN CITY, Capt W. F. Lapidge, connecting with HENRY CHAUNCY, Capt. Conner.

April 30th—MONTANA, Capt. E. S. Farnsworth, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9.50 A. M.; Reno at 4.30 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3.30 A. M.; Argenta at 8.50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12.05 P. M. Reno at 2.10 A. M. Colfax at 9.50 A. M. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Colcma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada,

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermitt, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLA... in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McL... Vermifuge, they very frequently get one or other of the many worthless preparations called Ver... now before the public. We therefore beg leave to urge upon the Planter the propriety and ... ance of invariably writing the name in full, and to advise their factors or agents that they will not ... other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., P... BURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements ... alent in the South and South West, has induced the venders of many worthless nostrums to claim for the... parations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the ... ginal and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter ... Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take ... Vermifuge or Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLA... and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the Wes... South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires ... some remedy should be provided, that would not in the least impair the constitution, and yet be safe and ... That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great ... which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It ... our sincere wish that these Pills should be fairly and for tested, and stand or fall by the effects produced ... they have been so tested, and that the result has been in every respect favorable, we call thousands to ... who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular ... the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected ... deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is ... to perform, and on the regular execution of which depends not only the general health of the body but the ... of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to ... health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, ... ercises a powerful influence over the mind and its operation, which cannot be easily described. It has ... connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful ... that it misleads more physicians, even of great eminence, than any other vital organ. The intimate ... which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises ... passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal ... or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long ... convinced that more than one-half of the complaints which occur in this country, are to be considered as ... their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the ... Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate ... of which we afterwards ashamed; last, though not least, more than three-fourths of the diseases ... under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing ... pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes ... pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes ... taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels ... ral are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull ... sensation in the back part. There is generally a considerable loss of memory, accompanied with a pain... tion of having left undone something which ought to have been done. A slight dry cough is sometimes ... ant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning; ... complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise ... be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every ... Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet ... ination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken ... Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after ... Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not ... or three times by next morning, take one or two more; but a slight breakfast should invariably follow the ... The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are ... to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derange... of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than ... consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult ... cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is ... fant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some ... cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and ... ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous ... of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too often ... happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids ... to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked ... even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled ... loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed ... with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with ... al flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an arc... circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the ... occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy ... tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a ... sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and ... violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently ... with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by ... cough sometimesdry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; temper ... but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPEN... UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant ... in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual ... viding the symptoms attending the sickness of the child or adult warrant the supposition of worms being the ... In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MER... IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury ... most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water ... morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten ... a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. ... great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to ... palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have ... forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following ... of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE ... FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: ... McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. ... This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the ... stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills ... Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, APRIL 22, 1869. NUMBER 14.

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BY WARREN & CO.

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By mail, for one year, $5; for six months, $3. For a Club of five new subscribers, a sixth copy will be sent gratis. When payments are delayed six months $1 additional per year will be charged.

☞ City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS. San Francisco, Cal.

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Eastern Correspondence.

OUR N. Y. AGRICULTURAL CORRESPONDENT.

LETTER NUMBER ONE.

[We are happy to lay before our readers the first Letter of a series which we shall receive regularly from New York, giving us more particularly the full Reports of the very interesting Debates of the *American Institute Farmers' Club*, which we trust will prove of interest and value to our *Agricultural* Readers.

In addition to these Reports, we shall be apprized of the condition of the Markets at the East, and all material news.]

NEW YORK, March 30, 1869

Editor California Farmer:—

AMERICAN INSTITUTE FARMERS' CLUB.

The regular weekly session of the American Institute Farmers' Club was held this afternoon, Mr. N. C. Ely Chairman, and J. W. Chambers Secretary.

The following communications were read:

When to Sow Clover. J. D. Ackerman, Union City, Mich., inquired of the Club, if it would do to sow clover about the middle of June, with buckwheat, and get a good catch. He said he had a field he wished to seed—the land was too wet to get in proper condition early enough for oats—would it do any better with Hungarian grass?

S. E. Todd replied, that somehow, all the farmers had got the idea in their heads, that there is no sowing grass or clover seed without some kind of grain. Such, also, was his opinion, but years of experience had taught him different. Grass is even better sown by itself; but the ground must be well prepared, plowed, cross plowed, harrowed and bushed till it is smooth as a garden bed. The mode of preparing a seed bed is more important than the time for sowing. The best time perhaps to get clover into wheat is early in the spring, when the surface is soft, or the frost coming out of the ground.

Dusting Trees with Plaster of Paris. Mr. Horace B. Hitchcock, of Hillsdale, Mich., wrote to inform the Club, that he keeps the curculio from spoiling the choice fruit by dusting the trees when damp from dew with Plaster of Paris.

The Value of Coal Ashes. An interesting discussion then took place on the subject of the following queries, from W. A. Young, of Cumberland County, Pa.: He said, I wish to plant potatoes on a piece of new land—it is a stiff blue-grass sod and very heavy soil (limestone;) Would coal ashes be of any benefit to lighten it? How many one-horse loads to the acre? Will a compost of hen-droppings, coal ashes and plaster make a good top dressing for corn? About what proportion of plaster should be used? Mr. Young added that he had derived great benefit from reading the report of the proceedings of the Club, and desired these questions answered as a special favor to the farmers.

Mr. S. E. Todd recommended the application of 1,000 one-horse loads of coal ashes to the acre, meaning that coal ashes have so little value as manure.

Mr. A. S. Fuller differed with him. He had found anthrachite coal ashes worth from three to four dollars a ton. He liked their effect on sandy soil.

Mr. P. T. Quinn said he used coal ashes at the rate of 30 loads to the acre, but he would rather loose up heavy clay by fall plowing, than with ashes. The proposed compost for corn in the hill, hen-droppings with plaster is excellent; but he suggested the addition of muck or dry garden loam. Hen manure thrown near the seed is stimulating, and its effect will be excluded if earth is well mixed with it. He did not think much would be gained by mixing coal ashes with it; muck is much better.

Mr. Bruen said he had used the compost nine years on the same land, and always got good corn; better, he thought, last year than the first. Coal ashes have a mechanical effect if nothing else; they open and lighten the soil, admitting air and sunlight.

Mr. J. B. Lyman said he experimented with coal ashes last year, and the result was not flattering. They give a lusty growth of top, but no body to a root and no grain. He tried them on onions, beets and tomatoes; in May and June they grew bravely, but as soon as summer heat came on, that part of the garden showed no heart. The onions did not become bigger than butternuts, and the beets were pulled up and eaten as greens, the roots having ceased to grow; tomato vines grew rank but fruited badly. His conclusion was that antrachite coal ashes may give a spring start to grass, but they are worth nothing at the last of the season, when roots get their size and grain is developed in corn.

Dr. Feuchtwanger said there was considerable silica in coal ash, and it is in a fine state easily soluble in water. This accounts for its effect in spring. But though the form or outline of plants may be built up from silica, their value for food must come from potassia, phosphorus and lime. Silica acid is not, properly speaking, an element in true manure, because most soils contain an abundance of it.

THE POULTRY EXHIBITION.

The Committee appointed to report on the recent Poultry Exhibition at the Empire Rink, made an interesting report, giving some facts and reaching some conclusions in the poultry business, that may be of value to the community at large. They do not find that improved blood and fancy combs or gay feathers in chickens make a decided and uniform difference in the value of poultry; yet there is no doubt that breeding to a special end or point has accomplished for poultry nearly as much as it has in neat cattle. The chief marks of excellence in a chicken are three—to be a good layer at all seasons; to yield a tender and well-favored flesh; and to fatten rapidly. There is no breed that excels all others in each of these points. Such a combination of merits is not to be expected. In choosing among the breeds of fowls, we can get at least two good qualities combined.

1st. In the White Leghorn, he will find a regular and constant egg producer, and the flesh quite good, but a bad mother; they will not set.

2d. In the Dorking, he will get fine, delicate flesh, a full development of breast, hardiness, and self-help, the ability to pick up a living where any hen can live; but they are not great layers, especially in cold weather.

3d. In the Chinese fowls, especially the Brahmas, light and dark, he finds a big-boned chicken, a rapid grower, a large and indifferent feeder, that bears confinement well, and gives more weight of poultry meat to the food consumed than any other.

4th. In the French breeds, La Fleche and Houdan, we have fowls that lay well at all times of the year, and whose flesh is excellent; but they are not inclined to set, and make poor mothers.

We recommend to all who keep poultry to improve the common barn-yard chicken, by the introduction of cocks of some of the improved varieties. If one wishes to breed mainly for poultry, we recommend a Dorking cock as a consort to Brahma hens. If in eggs there is more profit, let him get a Houdan or a Leghorn cock. The Black Spanish is a good layer, but not so remarkable in that respect as a Leghorn, and his flesh is usually dry and hard. If he respects flavor and appearance of flesh and fullness of breast, the Dorking blood should predominate. If he raises poultry for market and wishes to convert his eggs into spring chickens in the shortest time, the Brahma fowl will be found most profitable.

In reply to a series of questions by J. M. Paul, of North Adams, Mass., respecting bones as a fertilizer, Mr. J. A. Whitney said, that a bone unbroken does about as much good on soils as stones, and not much more. The best way to get them into the proper state for plant food is, either to grind them, or melt them in an acid of alkali; dig a shallow pit, bank it round with clay, break the bones with a big hammer in as little pieces as may be; pile them in the pit, and pour over them diluted sulphuric acid; cover them with dry mould or sandy loam. They will soon dissolve; if the weather is moist they will dissolve fast. Crushed bones in a hogshead with strong woodashes kept warm and moistened with soap suds will soften into mass like putty that is soluble, and work like bread-making. [Here a few lines were blotted out in MSS.]

Fruit Tree Borer. Mr. Paul also asked how he could rid his trees of the borer. Dr. Trimble recommended killing it by running a wire into its hole until it is stabbed to death.

Mr. R. H. Williams said a friend of his had rid his trees of the borer, by driving nails into them. The oxide of iron gets into the sap, and the borer don't fancy it.

Dr. Trimble said that could not be; there was no science in the statement.

Mr. Carpenter said, another way to prevent the ravages of the borer is to lash a piece of strong paper or cloth smeared with grating wax around the trunk, close to the ground.

The Club then adjourned.

THE SNOW SHEDS OF THE CENTRAL PACIFIC RAILROAD.

Among the structures brought into use in railroad building of late none perhaps are more remarkable than the snow sheds built over the more exposed portion of the Central Pacific Railroad.

That road it will be remembered crosses the Sierra Nevada at an elevation of 7,000 ft.

The sheds, which have often been alluded to, no doubt have been taken by many readers to be temporary and scattered buildings. In fact they form in effect one continuous building twenty-two miles long, put up in the strongest manner, and intended to last for all time, due repairs being made when required. The shed is 16 ft. in width and 16 ft. in height, not including the pitch of the roof. All the timber used is of the best quality to be had. The sides are inclosed, and were it not for the fact that daylight penetrates through the spaces between the boards, the whole affair would like a huge tunnel. The building is braced together in a most effective manner, and is, in addion, firmly bolted to the rocks wherever the road nears the face of a cliff. Where snow slides are to be feared, an extension of the roof has been carried to the cliffs, so that falling masses shall pass over the building and lodge on the other side. In many places where the side tracks are located, the building is wider than stated above. More than 40,000,000 feet of lumber have been used in its construction. It covers an area of more than 18,000,000 square feet, or nearly 44 acres. One of the best proofs of the stability of the structure is in the fact that, with the exception of a few miles which had not really been completed, it thoroughly answered the purpose for which it was designed during the recent severe storm, in which it was subjected to the most severe test. We have on this point the testimony of a gentleman who has recently passed over the road just after a series of snow storms the most violent ever witnessed. He expresses himself surprised at the solidity and efficiency of the sheds. He says: "The snow sheds are a success."—*Stockholder.*

THE CASHMERE GOAT.

These animals are very rapidly increasing in our State. We are constantly receiving letters from parties who are largely interested in them, and whose flocks are now from 200 to 700 in number, and in some cases exceed one thousand.

We are glad to know this, and although the larger portion of these animals may be grades ¼, ½ or ¾. We would urge upon all raisers of these animals to aim to raise only *full bloods*, for these will pay best and can be raised as easily as other grades.

We desire to learn from all raisers of these animals their present numbers and their grades, together with the quantity of fleece they may have on hand and the character of that fleece, as we have important letters of inquiry from abroad touching this matter, which may lead to the early demand and manufacture of this staple here, so that if our raisers will but give us the needed returns, we may materially aid them in their enterprize.

From information already received, we learn of the flock of N. Gilmore, Esq., of Eldorado, which now consists of 500 Goats ¼, ⅜, ½, and 15 16. Mr. Gilmore having 28 full blood Bucks in his flock, and steadily advancing to the high mark.

Messrs. Upson & Wilson of Royalton, have a flock of about 700 Goats, and now with full blood breeders they will soon have a large and splendid flock.

When at Sacramento this week we were shown some samples of their fleeces which had been dyed at the Capitol Woolen Mills, to Royal Purple, Green and Blue, which were truly beautiful, showing what can be done when our raisers are ready with a good amount of these fleeces for manufacturing. *Persevere* is our word and success will surely be attained.

—Southern men are boasting that this year's cotton crop is of more advantage to the country than all the gold California has ever produced.

STATE AGRICTLTURAL COLLEGE. MASSACHUSETTS.

LEGISLATIVE EXCURSION.

The fine establishment at Amherst, known as the State Agricultural College, was yesterday visited by the members and attendants of the Legislature, and some invited guests, in a special train under the charge of Mr. B. W. Hobart, Superintendent of the Albany depot in Boston. The train left Boston at 8 o'clock and landed 240 passengers at Amherst at a quarter past 12 o'clock.—Among the guests were Lieut. Gov. Tucker, Talbot, Rice, Adams, Unnderwood and Knight, of the Executive Council, Hon. M. P. Wilder, Dr. George B. Loring, Hon. Chas G. Davis of Plymouth, Hon. D. Waldo Lincoln of Worcester. Secretary of State Warner and other gentlemen.

The College is beautifully situated, commanding a view of many miles, with the Valley of the Connecticut and Mounts Tom and Holyoke near at hand. As the train swept into the depot, the waving of table cloths and sheets from one of the dormitories of Amherst College, and the ringing of all the bells in town, welcomed the party. The school children had a holliday, the people were all abroad, and forty sleighs were at the depot, from the one-horse cutter to the four-hourse omnibus or farm sleigh, the inhabitants being resolved to do the generous thing, and show the beauties of their beautiful town to the best advantage. The sleighing was fair, the teams were fast, and Amherst College was soon reached, and inspected throughout.

At 1½ o'clock, the company went from Amherst College across the street to the temporary town hall, where the ladies had provided a magnificent collation, to which nearly four hundred guests sat down, and which was heartily enjoyed. Forty young men of the Agricultural College waited on the tables. The ladies and children and townspeople crowded all the galleries.

President Clark, of Amherst College, called the company to order after dinner and spoke of the needs of the College. In the course of his address, he said that twenty officers in the army had been designated as military professors in Agricultural Colleges. Three Agricultural Colleges had secured these officers, and in a correspondence with Gen. Grant, he was informed that such an officer would be sent as soon as 150 students had been obtained. A building would cost $8000. If the State desired that the College should lead all others, the means must be furnished and it would be done. The sum of $100,000 would be wanted this year, and $50,000 the next year, when the College would be in such a condition, each class being provided with dormitories, that they could obtain all else which might be needed to make it a success.

Lieut. Gov. Tucker, in his speech, said that it was good for every State to take care of its best possession, the bodies, souls and minds of the young men who are to carry down to the future the institutions of the good old Commonwealth. When you unite intellectual culture to the culture of the soil, you touch the great combination which in a Christian country, contributes to the highest prosperity. This country, with its great Mississippi valley, is to derive its power from Agriculture.

Hon. Marshal P. Wilder was received with great enthusiasm, and after a fitting introduction, referred approvingly to the great efforts of Massachusetts to establish an Agricultural College. Nineteen years ago a bill passed the State Senate to lead all the States in this educational work, as Massachusetts had in all others; but the bill failed in the House. No effort was made for several years afterward, till a commission (including Col. Wilder) was appointed to visit the Agricultural Schools of Europe. It was found that there were 350 such schools there, and the commission recommended one here. Subsequently a large sum of money was raised in Springfield to establish an Agricultural College, which will be an honor to the State henceforth. Other States have established Colleges before us, and their errors and their experience will be for our benefit. The question of completing our College was only one of time, and we might as well complete it now as ten years hence. Col. Wilder closed by expressing his gratitude to divine Providence, that he had lived to see an Agricultural College in Massachusetts, so well founded and with so able a head.

Senator Daniel Needham expressed the warmest friendship for the College, and for the science of Agriculture. Science alone had sustained the Agriculture of the State for many years, and this latest movement he believed was one of the agents which was to aid in solving the question of connection between labor and capital. It was to work out this problem that our fathers first set foot upon this soil; and to the same end free labor and slavery met, and intelligent labor had triumphed over despotism. As we educate the masses little by little will fade away the differences between labor and capital, and they will be found on the same platform with the same end in view, viz: the civilization and elevation of mankind.—Massachusetts had never founded any but successful institutions, and if this was a failure it would be her first failure.

Dr Loring was the next speaker, and joined his appeal to the others for further aid to every department of education.

President Clark read a letter from Gov. Claflin, calling on the State to keep the College in advance of all its competitors elsewhere.

The platform was now cleared and the freshmen class of healthy looking and spirited young men appeared and under Prof. H. H. Goodell went through their calisthenics with wooden dumb bells in a manner that called forth great applause. A section of thirty-two of the sophomore class, in uniform, with muskets, went through a military drill with great precision.

A brisk drive of a mile brought the company to the Agricultural College Grounds. The new dormitory, a handsome and substantial brick building, was erected last year at a cost of $36,000, and the new boarding house cost $8000. The balance, $6000, was expended in repairs and other necessary purposes. In the elegant floral houses, the superb collection of rare camelias and other plants, given by Col. Wilder, attracted general attention.

Another sleigh ride took the visitors to the depot, and soon after 4 o'clock the special train left, amid parting cheers, and reached Boston at 8 o'clock.

The Agricultural College now includes a freseman class and a sophomore class, together, ninety young men. For the class of this year it must have a new dormitory, and for that of next year another, and between the two years $150 000 is needed, to place it on a self-supporting basis. The funds and property are now as follows: U. S. land scrip fund, $168,000; town of Amherst, $75,000; appropriation by the State $70,000: gift of Dr. Nathan Durfee, $10,000; gift of L. M. & H. F. Hills, of Amherst, $10,000.

The following have been added to the institution during the year: Prof. Goersmann, (chemistry) Prof. Miller (mathematics), and Mess. Flint, Wilder, Stickney, Catter, Hitchcock, Fisher, (lecturers).

WOMAN'S INFLUENCE IN NEW YORK.

The late movement in behalf of women, the formation of the new associations, the "Sorosis," has led to other and more complete organizations for their advancement and benefit.

The membership of the New York Sorosis comprises six artists or workers in art, twenty-two authors, six editors, thirteen musicians, one historian, eleven poets, nine teachers and lecturers, eight well-known philantropists, two physicians, four writers on science, and forty contributors to periodicals.

A new Club House for women will be opened on the 12th of May, and will be occupied by the Sorosis, the Working Women's Association, the *Revolution* office, and sleeping apartments for women visiting the city who do not desire to go alone to a hotel.

This certainly is a most excellent plan.

OUR FUTURE RICE FIELDS.

The vast extent of excellent lands now lying waste, contiguous to the Sacramento and San Joaquin Rivers, will in coming years be covered with extensive Rice fields, which will give employment to thousands of laborers, yielding rich returns to the cultivators, and a handsome sum to our general productions.

At present, the fields are so extensive and the floods so wide spread when they do come, that many are prevented from engaging in the enterprize; but the Dyking in of 500,000 or 1,000,000 acres successfully will not be esteemed impossible, after the *Grand Triumph* of the Pacific Railroad. Heretofore the undertaking seemed impossible, now, nothing is imporsible for California Enterprize—*it will be accomplished.*

HIGH WATER ON SACRAMENTO RIVER.

The water is unusually high in the Sacramento, overflowing the banks in many places, and injuring the crops that were just starting into growth.

We are often surprised at the tenacity with which the dwellers along the banks of this river still cling to it for early crops, hoping they can escape the rise of the waters; but this can never be so long as the snows shall fall upon the mountains, and the sun melt them and send their streams downward.

Plowing and planting is still kept up along the river, which shows great fertility at this time.

We received a very complimentary parcel of beautiful Skins of the Cashmere Goat, or rather Kid Skins. They were very neatly dressed and finished with the fleece on, and most admirably adapted for the making of ladies' capes, cuffs, muffs, etc.; some of the smaller skins are just suited for this purpose. The skins received were from ¾ to ⅛ etc., from Goats raised by N. Gilmore, Esq. of Eldorado, to whom we return thanks for the same.

Agriculture.

SHALL WE ENCOURAGE BOYS TO STAY ON THE FARM.

By all means, if they want to stay; if they have a taste for farm life, and take to it more kindly than to any other pursuit. If a boy takes an honest pride in turning a straight furrow, rearing fine calves and building fine hay stacks, doubtless the farm is the place for him. If he prefers to go to the county fair to attending Dan Rice's circus, if he selects the *California Farmer*, that came in the same mail with the Sporting Paper, that boy has a taste for farming that it will do well to encourage.

But how about the other boys, to whom farming is an uncongenial employment, and whose only lively step in the field is taken when the trumpet calls to dinner? Shall we encourage them to stay on the farm, with the fact staring us in the face that they have no natural aptitude for the business, and consequently will never become good farmers? Much as we respect and honor the pursuit of agriculture, we think we should not. We cannot see how either the farm or the boys are to be benefited by the procedure. The fact is, we have too many poorly managed farms, and too many poor farmers to hold out inducements for increasing the number of them.

It would be a much wiser course, every way, to find out what a boy is good for, if, indeed, he is good for anything in particular, before you encourage him to adopt any particular calling. If the only good a boy ever did about a farm was to repair the pumps, hang gates, make mole traps, put in rake teeth, file the saw and hang the grindstone, and he did these things well, obviously the farm is not the place for him, but a machine shop is.

If a boy will walk half a dozen miles, after the day's work is done, to hear a political speech, if he takes time from his play to attend trials before a justice of the peace, and sits up half the night, when he is going to school, to learn declamations which bring down the house at spelling school, most likely he will do the world more good if you put a law book and not a manure fork into his hand.

If he earns more money trading jack-knives and fish-lines on rainy days, than he does hoeing potatoes and cutting grain in fair weather, give him a chance to handle a yard-stick, and not have him around troubling other boys who are handling horse-rakes and pitch-forks, and like the employment.

Again, if a boy is skillful in skinning small animals and stuffing birds, if he practised making pills of mud when he was a child and extracted teeth from the jaws of dead horses with pinchers when he got older; if he reads physiologies when his brothers are engaged in perusing Robinson Crusoe, he will be far more likely to succeed with a lancet than with a scythe.

It has become very fashionable lately to exhort farmers to encourage their boys to stay on the farm irrespective of their ability or taste to become good farmers; but we cannot see the propriety of it. On the other hand, we see many good reasons why boys who do not promise to become good farmers should be encouraged to try their hands at something else while they are still young. Because a boy was born on a farm it is no reason why he should always stay there if nature gave him gifts for something else, but denied him the inherent faculties for becoming a successful farmer. In India persons are born into a Caste but can never get out of it. In ancient Egypt children were obliged to follow the occupation of their parents to the latest time. But we have never heard of any good, but have heard of a good deal of evil coming from it. The farm is a good place for boys to stay on unless they have an aversion to farm life, and have at the same time, a strong inclination to go into some other kind of business that is more congenial to him; in which case, we think he had better go his way, and the sooner the better.

OIL CAKE FOR STOCK.

Messrs. Editors:—In the April number of the *Journal* now before me I find an inquiry regarding linseed oil meal to feed cows upon. It is a question that I as well as many others would be glad to hear more upon the subject, through the columns of the *Journal*, should it meet the wishes of those who have had experience with it. Would it be profitable for a man to pay the prices quoted in the New York papers of about fifty dollars per ton, pay the freight and haul it a distance of 12 miles? You answer that the meal is beneficial fed in connection with other food. What other food is best to be fed with it and in what proportions? I believe there is not one instance in this vicinity that it has been used although I have often heard it talked over by some, but most of farmers here think that it would be a waste of money to use it in such articles of food for stock, and perhaps an article or two in your valuable paper may enlighten the minds of many, especially those young men who are about to start farming on their own hook, and more especially those who are desirous of improving their stock, and you will oblige a few subscribers in this locality. P. D. G.

South Gibson, Susquehannah Co., Pa.

[Oil cake meal should always be fed as a mash either cold, or mixed with cut straw or hay, corn meal, bran, or other mill feed. Add about one pound of cake meal to a mess for each animal to, the other ingredients and feed once a day at first for a few weeks and afterwards twice a day. You will soon see a great difference in the appearance of the animal as well as in the yield of milk.

You consider $50 a ton a large expenditure of capital without considering that a ton will make 2000 feeds, costing but two and a half cents per mess.—Eds.]—*Am. Stock Journal.*

NOT HUMANE.

It is not humane: First—To work a horse after the skin of any part exposed to pressure is broken. By continuing to use him in this state, the sore increases, the poor animal suffers pain, eventually becomes unfit for work, and thus much more of his labor is lost for want of that kindness which it is both our duty and interest to bestow.

Second—To leave horses that have been driven fast exposed to the cold without cover. This cruelty is too common. Animals sometimes suffer for hours in this way while their riders are enjoying themselves by a fire within doors, forgetful of the poor creatures who cannot complain. Chills thus produced are the cause of fever and inflammation, the most fatal diseases of horses.

Third—To overload, or ride on an overloaded vehicle.

Fourth—To neglect to keep axles properly oiled, or greased.

Fifth—To let your horse hold the weight of a loaded cart, when you can save him by putting a rest under the shafts.

Sixth—To use animals unnecessarily on the Sabbath, which was made as much for them as you.

Seventh—To order carriages long before they are wanted, thus compelling both horses and drivers to remain unnecessarily exposed to the weather.

Eighth—To mutilate dogs by cutting their ears and tails, or horses by cutting off their tails, or shaving off the hair which nature has provided for their covering, to lessen the labor of hostlers in grooming them.—*Our Dumb Animals.*

GAMBLING ON THE RACE COURSE.

The leading editorial of the *Turf, Field and Farm* of February 12, commences with the remark:

"We have seen men defined as an animal that made bets. . . . In all nations and climes we find him the sole proposer and accepter of wagers; no matter how rude or polished, savage or civilized, ignorant or learned, all have the same betting proclivities."

The editor then assumes that all the evils which result from gambling are chargeable to "the perversion of this principle, and not to the principle itself," and that as men "cannot be legislated out of their smaller vices," all that the moralist or legislator can do is to "direct it so that as little injury as possible may arise from the gratification of the propensity."

The article closes as follows:

A very great majority of betters [on the turf] content themselves by the investment of a sum that will not be felt, if lost, while it greatly enhances the pleasure of seeing the race run, As long as men only venture what they can afford to lose, and do not take risks incompatible with the duties they owe to themselves or families, the injury will be very slight, if injury there is. But "plunging" cannot be too strongly reprobated, and those who have the true welfare of the turf at heart should use every endeavor to restrain that spirit that prompts large outlays.

"The whole argument is an ingenious and well put defence of betting, without which "the pleasure of seeing the race" would become stale, flat and unprofitable; but it is altogether unsatisfactory to our mind, and we hope it will be so to the managers of agricultural fairs who are solicited to co-operate with the friends of the turf. We believe that gambling, theiving, pool-selling, and many other "smaller vices" of poor human nature should be restrained, not merely regulated."—*N. E. Farmer.*

Wife Advertising.—An advertiser for a wife received an answer which pleased him, and a correspondence grew up which resulted in an engagement, made before the parties had seen each other, and upon knowledge derived from letters only.—In course of time the gentleman arrived at the lady's residence for a personal interview preliminary to the ceremony. He was ushered by the servant into a spacious and elegant parlor to await the appearance of Miss L——, for whom he inquired. Shortly a very neat and intelligent colored girl entered the room.

Gentleman. "It is Miss L—— I want to see."

Colored Lady. "I am Miss L——."

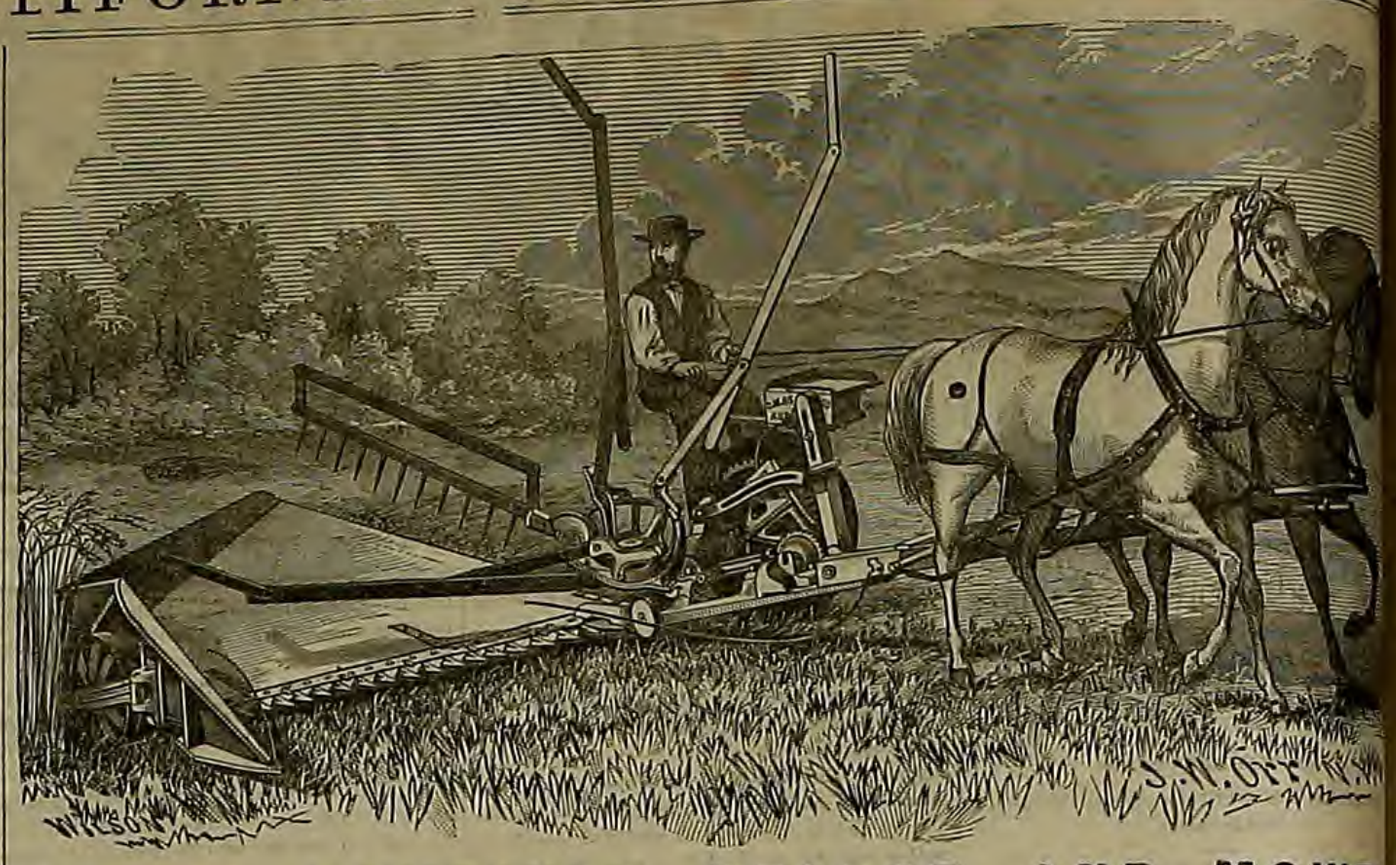
Gentleman. "Under the circumstances you will not expect me to fulfill the engagement."

Colored Lady. "Why, you will recollect I wrote you *that I had a dark complexion!*"

The Uses of Adversity.—You wear out your clothes. You are not troubled with visitors.—You are exonerated from making calls. Bores do not bother you. Tax gatherers hurry past your door. No one thinks of presenting you with a testimonial. Impostors know it is of no use to try to bleed you. You practice temperance. You swallow infinitely less poison than others. Flatterers do not shoot their rubbish into your ears. You are saved many a debt, many a deception, many a headache. And lastly, if you have a true friend in the world, you are sure, in a very short space of time, to know it.

"Blue" upon Wool.—The difficulty of fixing a *permanent* Blue upon Wool has been successfully overcome in England, and *fugitive* Blues are being completely superseded. The patentees are working, night and day, to supply the demand, and are making preparations on such a scale, as will permit of its being introduced in America very shortly. In dyeing, this is one of the greatest discoveries of modern days.

—In the language of flowers—if you wish for hearts ease," never look to "marry-gold."



KIRBY'S COMBINED REAPER AND MOWER

WITH COMBINED SELF-RAKE AND REEL

TWO COMBINATIONS IN ONE MACHINE

This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good Mowers, there are very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose.

"MONITOR"

Self Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.

It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers on the Pacific Coast, who are successfully using them this year, can testify.

The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.

We shall keep a large supply of EXTRAS of all kinds on hand.

The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest lodged grain. In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self Rake on it, than it is to carry a man to rake off, and the grain is left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain.

By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle which operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform, when the Rake, of its own accord, will sweep it off.

This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the other in the axle plate, where the joint or independent action is obtained.

This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.

TREADWELL & CO.,

Sole Agents for the Pacific Coast

30-22—no1

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,

320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near Market,

SAN FRANCISCO,

IMPORTERS

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OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools,

ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMPS.

Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLES, AND MOST DURABLE PUMP IN THE WORLD.

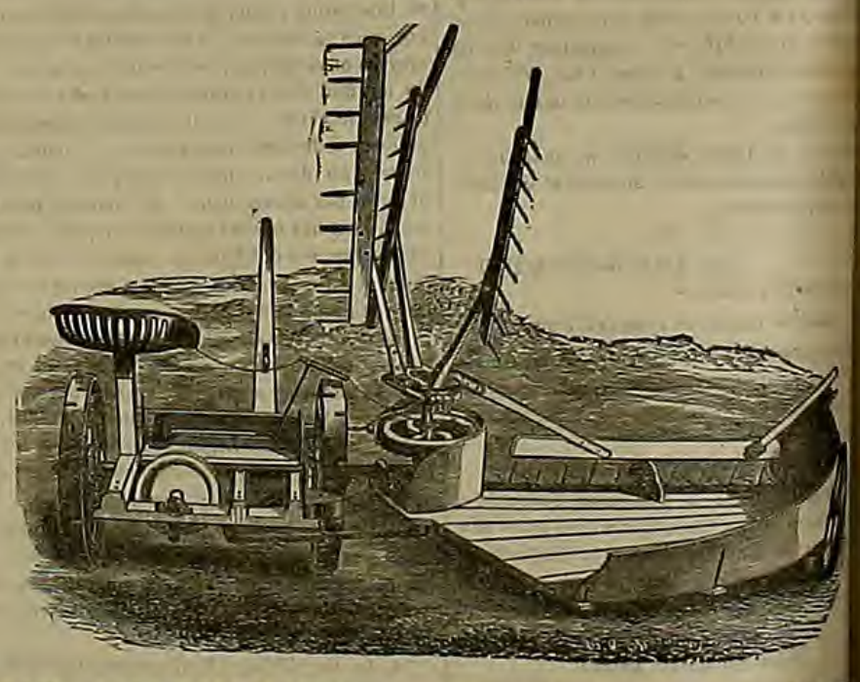
Agents wanted for this Coast County Rights for sale.

30-63m

M. C. HAWLEY & CO., 108 FRONT ST., SAN FRANCISCO.

BUCKEYE Mower, Reaper AND SELF RAKER

NEW YORK SAN FRANCISCO PORTLAND



THE BUCKEYE IS THE BEST MOWER

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER

MARCUS C. HAWLEY & CO

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing that they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could cut his grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER

ALSO, THE GENUINE

HAINES' HEADER

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS

And a COMPLETE STOCK of

Agricultural Implements and Hardware

MARCUS C. HAWLEY & CO

31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Horticulture.

NEW SYSTEM OF ROSE CULTURE.

Some of the French and English horticultural journals speak of a new method of growing roses, quite different from any before practised. The essential points are three—first, to prune out all the old wood; second, to shorten the new wood very little; and, third, to peg it down flat to the earth. The rose is allowed to bloom, like a raspberry, only on the wood of the last year's growth; and this wood is but slightly pruned. All this is very unorthodox, and contrary to every received maxim. The effect, however, is said to be very fine. The long, young shoots, pegged down to the ground, produce an abundance of flowers from every eye, while fresh shoots grow up with the greatest vigor from the plant. These, in turn, are pegged down the next year; those which had bloomed being first cut away. It seems incredible that roses under this treatment, should produce as large flowers as under the system of short and severe pruning; but they can certainly be produced in a prodigious abundance. The ground is said to be completely hidden with masses of foliage and blossoms. The effect of laying the shoots in a horizontal position is to cause the eyes, or leaf-buds to open from end to end of the stem; while if it had been left in its natural upright position, the tendency of the sap to rise would have caused the eyes at the top to open, while those below remained dormant. The new method will probably be found to have one great advantage; the rose will live longer under it than when subjected to very close pruning. This latter practice is sure to result every season in a quantity of dead wood which has to be cut away. Some varieties, when cut near to the ground, rapidly decline and at length die.

The plan of pruning and pegging down was first tried two or three years ago, in England and France, and has since been practised with great success by a French cultivator, M Jean Sisley, of Lyons, who describes his experience in the *Revue Horticole*. It is well worth a trial here. We mean to try it, and commend it to all amateurs who have time and patience for experiment.—*Amer. Journal of Horticulture.*

LEWISIA REDIVIVIA.

This is a plant supposed to be found in California or on some portion of the Pacific coast, we think it is known in "Washington Territory," and also in British Columbia.

Dr Hooker of the Royal Botanic Gardens at Kew, London) says: Among the plants eaten by the Kootanier, Colville, and other tribes in that part of British Columbia and Washington Territory, is the beautiful Lewisia Redivivia, the roots are gathered in great quantities, and boiled or eaten like *Salep* or Arrow-root. In this state they are not unpleasant to the taste, slightly bitter, but are valued by the Indians as a nutritious food for carrying on long journeys, two or three ounces a day being sufficient for a man even though under great fatigue.

These Indians call it *"Spat Lem"* or "Ptleem ass-lise-ne-mare," and look upon it as one of the great gifts of the "Supreme Master of life.

We desire to learn where this root can be found, and shall esteem it a great favor if those who shall read this article and know of its location, will be so kind as to address a letter upon the subject, to the Editor of the California Farmer.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Country Homes Wanted

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places *for sale*, or to lease for a term of years, can find the parties that will buy them if they call or write with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

Miscellaneous.

J. DE BARTH SHORB. CARLTON CURTIS.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

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Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of WILSON, MORROW & CHAMBERLIN, will open in New York City about the first of November next, and will have the exclusive agency of our

WINES AND LIQUORS

In all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

MESSRS. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurious Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12.

100,000 Copies Sold of the Jubilate.

A COLLECTION OF

SACRED MUSIC

For Choirs, Singing Schools, Musical Conventions, etc by L. O Emerson, Author of the "Golden Wreath," "Merry Chimes," &c., is

The Best Book for Choirs.
The Best Book for Schools.
The Best Book for Societies.
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The Best Book for Practice.
The Best for Families.
The Best Book for all Singers.

Suited to all Denominations—All Occasions—All Capacities.

IN ITS SINGING SCHOOL EXERCISES.
IN ITS GLEES, PART SONGS, &c.
IN ITS ANTHEMS AND SENTENCES.
IN ITS CHANTS AND SELECTIONS.
IN ITS VARIETY OF HYMN TUNES.

Also by the same Author and designed for the same uses,

THE HARP OF JUDAH.

Of this 125,000 Copies have already been sold.

Price of each $1 38 Sent post paid. A liberal discount made to Choirs and dealers.

OLIVER DITSON & Co., 277 Washington street, Boston.

CHAS. H. DITSON & Co., 711 Broadway, New York.

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES.

ISIDOR LANDSBERGER,

30-12. 423 *Jackson Street,*

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as product of the extensive Ochards, should pay the purchase money in three or four years

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867,

TO THE

Natoma Vineyards

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-2

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, who are strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer Office.*

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin, description, prices, testimonials, etc., address WARREN & Co., Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

THORNLESS RASPBERRIES.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The THORNLESS raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. JOHN GAGE

From the American Horticultural Annual, for 1868 page 102:

"DAVISON'S THORNLESS.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicate, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are PROPAGATED FROM TIPS making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.

Farmer Office 320 Clay street, San Francis

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessee for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2 000 acres under fence on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN APA VALLEY

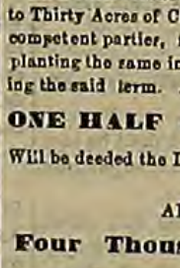
Of 260 acres, on the most reasonable terms and credit

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

C. CROEZINGER,



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NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

VICK'S
Floral Guide for 1869.

The first edition of *One Hundred Thousand of "Vick's Illustrated Catalogue of Seeds* and *Guide in the Flower Garden* is now published. It makes a work of 190 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmers' Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
OR WARREN & CO. Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

Is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....APRIL 22, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street.—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is ONE DOLLAR for five lines or less of space, in Nonpareil type, for *one* insertion, and ten cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Special Notices.

THE BEST WASHING MACHINE KNOWN.

In our columns this week will be found the new Advertisement of the "ECONOMY" *Washing Machine*, invented by John M. Horner Esq., a Pioneer Farmer of California, and whose Genius, Industry and Skill has accomplished much for our State, both in agriculture and mechanic art.

The "Economy" Washing Machine has been remarkably popular; wherever shown it has taken the lead and won the prizes, and what is better still, always gives our Housewives most excellent satisfaction. Known and honored right at home where made.

"Economy" for the Purse,
And Economy by name,
Has always cleared the coast,
And won its Author Fame.

PLANT THE NEW POTATOES.

The remarkably moist season and the continuance of the rains will give to all who desire to secure the *New Kind of Potatoes*, to plant during all this month, and in some places even during the entire month of May.

We would particularly urge upon all who may plant the "Early Rose," the "Goodrich," the "Harrison," the "Chili," and others, to be careful and save all their *Seed-Balls*, from which they can spring new and valuable varieties, that being raised from *Seed*, are indeed NEW CALIFORNIA POTATOES.

As a matter of business and pecuniary gain, it is very certain that those who shall raise the 'Early Rose," and the "Goodrich," will receive a very handsome recompense, as the product of both these varieties are very great, and both will be in great demand another year. We can therefore recommend these kinds as a good, perhaps the best investment that can be made, even better than Mining Stocks.

ASPARAGUS.

Well! will you buy the *White* Asparagus that is absolutely *poisonous*, and of which you can only use *one-fourth* in weight of what you purchase? or will you buy the *natural esculent* that is green, tender, melting and rich, and of which you can eat seven-eights of the amount purchased; besides there is more nourishment and palatable food in *one pound* of the Green Asparagus than in *ten pounds* of the White.

AXLE GREASE.—Hucks & Lambert's Axle Grease we esteem the best article we have ever known, and the reputation it has obtained is a most enviable one, surpassing all others ever yet invented, wherever we go we hear it commended, and although there may occasionally appear in our market some new compound, foisted upon the public by specious certificates and urgent arguments to introduce it, yet its value is soon tested, and its merits being put to the test are found wanting; then it disappears from the market as quickly as it came, while the Genuine H. & L. remains the best and most valuable yet invented or known.

American Kid Gloves.—From the samples of dressed Goat Skins we have seen and examined, and the knowledge we have of the thousands of Goats that will soon cover our hill and mountains, and Goats too of the best kind, we are induced to believe that it is certain that ere long we shall be able to have a *Manufactory of Kid Gloves* in California, and thus be wholly independent of France or any other country for this article.

Why should not California have Gloves as famous as those of Alexander or any other manufacturers? Let us try it!

Summer Fallowing.—Wherever we go in the country, we are glad to see the Plows at work, preparing the "Summer Fallow," in order to secure a good crop for another year. This is true wisdom, for the substances now upon the soil is equal to a rich crop of manure turned in for next year.

THE GREAT EVENT OF THE AGE.

TRIUMPHANT VICTORY.

The Completion of the Pacific Railroad.

Oh, such a day,
So fought, so follow'd, and so fairly won
Came not till now, to dignify the times,
Since Cæsar's fortunes.

When Shakspeare wrote these words, he had not then contemplated the Grand Triumph of a Railroad over the *Sierra Nevada Mountains*, although he had said he would "*Put a girdle round the Earth in forty minutes.*" This prophesy of Shakspeare has been fulfilled, and the Electric Telegraph has now the power to fulfill all that Shakspeare uttered.

The greatest event of the age, and we may say with truth, the greatest enterprize that has ever been completed since the world began of human achievements, is now about to be celebrated at Sacramento.

The completion of the Pacific Railroad is without a paralel among all human enterprizes. The "Laying of the Ocean Telegraph," the mighty Railroad Tunnels of Europe, the building of the *Great Eastern*, or the "Thames Tunnel," these, great as they were singly, when combined are nothing compared to the conception and completion of the Pacific Railroad, which is now so near its grand consumation. When we consider its length, 3,300 miles from San Francisco to New York, and this vast space to be traversed *in one week*; when we bear in mind that the citizens of San Francisco can and will pass from this City to Paris and London in *fifteen days*, it seems like magic; but when we realize that the Iron Horse, with breath of flame, will pass up and over the Ice and Snow clad Mountains that heretofore have been considered impregnable, and over the very ground in mid-winter where the early Pioneers in *the summer season* perished from exposure and fatigue, over an altitude too, of nearly 8,000 feet above the level of the sea; over precipices and chasms of thousands of feet, and in perfect safety, then we can with some faint degree, conceive of the magnitude and the daring of those brave men who have planned and completed this stupendous and most grand of all human enterprizes the world has ever seen undertaken and completed.

But of what avail can a poor feeble pen do to describe the magnitude of this enterprize. The most vivid imagination cannot paint the grandeur of the enterprize, or paint the sublime and grand scenery that is given to those who shall pass over this mighty highway.

But Grand and Glorious as is this noble work, even to our finite minds, it has been foretold years and centuries before those now upon the earth had conceived of it; and man is but the instrument of the ALL WISE to carry out His designs for for the highest interest of the human race.

Let us see if we are right!

The old Prophets foretold all the great events that are now coming to pass.

What saith the Prophets?

"Behold I will do a *new thing*; I will even *make a way* in the *wilderness*."

Again, "Every mountain and hill shall be laid low, and the crooked shall be made straight, and the rough places plain."

And "He will make the wilderness like Eden, and her *Desert* like the Garden of the Lord, joy and gladness shall be found therein, thanksgiving, and the voice of melody."

In the Books of Isiah, Jeremiah, Job, and the Psalms, will be found wonderful prophecies of events happening now.

We read of the Steam Engine on the Railroad like this,

"Out of his mouth goeth burning lamps, and sparks of fire leap out."

"Out of his nostrils goeth smoke, and a flame goeth out of his mouth."

And again of the Electric Telegraph we read:

"Can'st thou send lightning that they may go, and say unto thee, we are here?"

These words are indeed wonderful, and we now live to see their perfect fulfilment.

THE TRIUMPH IS NEAR.

The completion of the line, the uniting the Pacific with the Atlantic side, the joining of the Central Pacific and the Union Pacific, is fixed as near as may be to May 1st, and this we learned when at Sacramento this present week, when we called at the Railroad Office.

From those who are now perfecting the plans for appropriately honoring this great event, we have learned the

PLAN OF THE CELEBRATION.

All the Railroads that run into the city will carry the people into the city and Home again, *Free*, for the

FREEDOM OF THE CITY

will be tendered to all visitors.

All the Military and Engine Companies will Parade. The Pioneers, the Odd Fellows, and all other societies will turn out in full regalia.

Invitations will be sent to the National and State officers, to Mayors and officers of all cities, to the Pioneers of San Francisco, to the Mechanics' Institute, and other associations. The object and desire will be, to make a Celebration as Grand, Noble, and Joyous as this Great event demands.

THE GRAND CHORUS.

In order to fix and to suitably announce the exact period when the *last Rail* and the *last Spike* shall *Seal* this to be world renowned enterprize, that truly distinguished working man, Charles Crocker, Esq., will, having the "Lightning in his hand," at the grand Junction, and when this work shall be sealed, Telegraph to Sacramento, and in the very spirit of prophesy say, *we are here*—It is finished; at that moment, *every Bell* in the *Churches* and on the *Steamers*, and on the Engines which will be stationed all around the city on purpose, will send out their loudest peals, at the same moment of time, every *steam whistle* on Engines and Steamers will send forth thier shrillest scream, the Cannon, also stationed at all points, will send their booming thunders forth, which shall echo over mountain and valley, proclaiming the great work is completed, and all this too, while from Ten Thousand voices on church top, and house top, and from streets, shall send up to Heaven the loud Huzza—Huzza for the TRIUMPH IS COMPLETE.

This grand union of Cannon, Bell, and Whistle, with the chorus of voices shouting, together with the profuse decorations of every church and public building with Flags, Banners, and Mottoes.—This will be a sight worth seeing, for it is an event worth commemorating, the like of which never was and never can be again.

And this is but a Just tribute to the completion of such a noble enterprize, and the men who have conceived, carried forward, and completed it, will feel they are truly rewarded by this result, for it is indeed Victory.

The God of Battles will smile
For Justice has triumphed;
The Stars and Stripes—
Columbia's sacred Flag,
Like eagle pinions
Flutters to the breeze.
Loud cannons roar,
And church bells ring their chaunt,
For Victory, Great Victory is won.

SACRAMENTO.

"The *Floods*, they shall not overwhelm thee, nor shall the *Fires* consume thee."

Never has any portion of sacred writ been more truly verified than in the case of *Sacramento City*.

It has been our pleasure as well as our duty to have given full faith alway, to the belief that *Sacramento* would eventually become *Triumphant* over all the fearful calamities and difficulties by which she was so long surrounded and become a *great* and very *Prosperous City*. This we have always believed, and always asserted, and it affords us great and heartfelt pleasure to know that her time of *Triumphant Prosperity* is very near at hand:

The near approach of the Grand Festival in Honor of the completion of the Pacific Railroad, which occurs *next week*, will give to *Sacramento* an Epoch in her history, and give to her a *Name* and a *Fame* which can never be taken from her.

Sacramento deserves the Prosperity that is now steadily pouring into her lap, for her citizens have shown a faith and a devotion to that city that is without a paralel in the world.

We have visited the city the present week, and the *life blood of business* is written on all her Streets, while the Beautiful Homes that are springing up in all the environs of the city, tells of her permenency. The city may indeed be called the Garden of Roses, for the dwellings are embowered in them, and the air is redolant with their fragrant breath.

There is no city in our State, outside of San Francisco, that can show so many truly splendid *Family Residences* as the city of Sacramento, and no city where Real Estate is so surely and rapidly improving.

THE CAPITOL.

The *New Capitol* will be an honor to our State, and we feel assured that the people of our State will feel proud of this magnificent Capitol when it shall be completed, for then only can it be duly appreciated; and then no State in our Union can boast of one more truly chaste, unique or beautiful.

The Capitol now begins to assume form and comliness, and although many persons may remark that the Dome as it now appears seems not in keeping with the massive pile below; but few are aware that there is yet to be added a row of stately Corinthian columns from the base of the present Dome, and then a beautifully, complete, and chaste Dome yet rise, over *one hundred* feet higher than all that meets the eye now, and which, when completed, will as we have said, make one the finest Capitols in our Union.

We visited the Senate and Assembly chamber, and the Library, which now begin to develope their coming beauty and grandeur, which we rejoice to note, for we have never been in sympathy with the croakers and politicians that would have prevented if they could, the erection of a suitable Capitol for our State, and we rejoice to see it rising in its majesty, and approaching its completion; for it will be an Honor to *Sacramento*, and *Sacramento* will Honor it, and all will redound to the good of our entire State.

We cannot conclude these remarks of the *Queen City of the Plains*, without expressing our great satisfaction in now saying to all our old friends in that devoted city, who have so long and bravely fought against the storms of adversity, that we are confident the Tide has turned, and now, "Taken at its flood, it will roll on to Fortune."

The *Cloud* is past, the *Storms* are o'er,
A Golden Sunlight greets you now;
Calamities shall come no more,
For Joy and Peace shall light each brow.
Nobly her Citizens here toiled,
Faithfully all have duty done,
Adversity, each have bravely foiled,
Triumphant Prosperity at last is won.

Plant Seed Continuously.—This is a most capital time for all who have a "Home Garden Spot" to plant a succession of seeds of Flowers, or Vegetable seeds for a succession of crops for Home use. This opportunity should not be lost, as good crops can now be secured by *repeated planting*.

HON. MARSHALL P. WILDER.

PO MOLOGICAL VETERANS COMING TO CALIFORNIA.

We are most happy to give our readers the following highly gratifying Letter from the HON. MARSHALL P. WILDER, the distinguished President of the American Pomological Society, who now promises to pay a visit to this State in a brief time, accompanied by some of the most distinguished Horticulturists of Europe.

The Devotion of the Hon. Mr. Wilder to the Science of Horticulture during a long life, has won for him an enviable fame. His recent arduous tour through the *Southern States to heal the wounds that War has made*, and bring back again into the bond of amity and peace many distinguished friends of this Science, deserves the Respect, the Honor, and the Reverence of the wise and good of all creeds and parties, and *such* labors are the evidence of the *Good Fruits* which this noble Science teaches.

The name of "LEROY" is also a highly honored name in Sunny France, and "RIVERS" of Bonnie England. Here we have a trio of names that all will delight to Honor, and their presence will give an impetus to Agriculture, Horticulture, and Floriculture, that will be of lasting benefit to our State.

Let us do Honor to men, who by their own labor have done Honor to their own country, and whose devotion to Science has benefited the *world*.

When these visitors shall arrive on our Shores, we trust the Friends of Agriculture and Horticulture will esteem it a privilege and pleasure to give them a most cordial welcome, and make their visit in our State a pleasant one.

We most sincerely trust that the request of Hon. Mr. Wilder, the President of the American Pomological Society will be responded to, and that a large Delegation will be appointed to attend the next Annual Meeting of that Socity, to be held at Philadelphia next September.

DORCHESTER, MASS. March 14, 1869.

My Dear Sir:

Your kind favor of February 10th, is this moment received. "Now or never," is the exigency to which I am driven in response to correspondence. Yes, if life and health are continued, I hope to see the great men and great fruits of California. I have already invited Messrs. Rivers, Leroy, and other notable Pomologists of Europe to come over and join me in a trip by Rail of 3,000 miles across the Western Continent, where Gold nestles in the soil, where Grapes larger than those of Eschol wander in search of gatherers; where Apples and Pears striving for mastery in size with pumpkins, and the Melons of the field lie scattered in rich profusion over the land! Can this be?

We shall see!

Mr. Rivers already responds, "I and wife shall go over to Boston, by steam to New York; I shall leave her with Mrs. Wilder, while you and I make this trip to San Francisco, per Rail. On our return, we will receive deputations from American Pomological Societies as two veterans of the science."

This looks well on paper, except that the *Ladies must go with us*.

I have been on a Southern Tour of 3,500, an account of which you will find in *Tilton's Magazine of Horticulture* for March. One object of this visit was to reinstate the old relations between the officers and members of the American Pomological Society, which were suspended during the War.—They are all coming up to the meeting at Philadelphia, September 15th next. California should be represented by a large delegation. Please see that this is forthcoming. The Society is now in its 20th year, and has become the standard of American Pomology, and should be represented by every State and Territory in the Union.

I acknowledge the regular arrival of the *Farmer*, and read its pages with pleasure. With thanks for your courtesy, I am most respectfully yours,

MARSHALL P. WILDER.

To COL. WARREN.

LOOK TO YOUR GARDEN GROUNDS.

We repeat our advice to all who desire to have a good *Summer Garden*, to look to their grounds *now*. A special favor has been granted to all in the fine showers of last week.

Those who are observers of such things should notice how much more soft and mellow the soil is after these *natural waterings*, than it is after *artificial waterings*. This should teach all a good lesson.

We repeat, now is the time to dig, loosen, and let the sun and air down into the soil that was baked hard by neglect. Those who neglect this duty now, will *regret it* when they see their gardens wither by the hot sun of the summer. But grounds that are dug deep and nicely prepared *now*, can be kept soft and mellow all summer, and will not bake hard again. *Now, to this work.*

Cool Weather.—Since the rains, the weather has been quite cool, remarkably so in many places almost to a frost, but this has not yet done any harm, rather a benefit, giving a more vigorous growth; for had a very warm sun followed the generous rains, a too luxuriant growth would have been the result. The cool weather therefore has checked this, and a strong and healthy growth will follow, and in the orchard, fruit will be larger and better.

OUR FARMERS AND RAILROADS.

The *Farmers* of California will build all the Railroads of the State; their hard earned money will pay for all the Grading, the Sleepers, the Iron Rails, Spikes, etc., and when the Road is ready, Railroad money will pay for all the Engines and Passenger Cars, and for all the Freight Cars, and then the same money will pay the Salaries of the Engineers, Firemen, Brakemen, laborers, etc., and yet having done all this, *our Farmers do not own the very Roads their own money has built.*

This may seem a very strange assertion to make, yet this assertion is nevertheless *true*, for it is paid by them by the immense amount of Freight more which the rapidly increased and increasing productions will cost to carry this freight to market.

Our Farmers' money will thus build these Roads, but they will not own them, and yet, how strange it is that they cannot see, that they, of all men in the country, should be the first to become the active promoter of such enterprizes—aye, be the very men that should take the lead, manage, direct, build and own the Roads. A little reflection must convince every considerate man, that if we should take away the Freight and passage money from any line of Railroad any where which the *Agricultural Interests make for them*, the Road would soon become worthless.

But perhaps some Farmers may say, they have not the spare capital to invest in Railroads and wait till the income from the Roads pay them, for they will go and buy *their thousand acres of land, plow it, and wait till Harvest for the Return.* Now on the same principle, can they not, say one hundred or five hundred combine together, lay out the Railroad that *they themselves* will need to carry their produce to market, *Build the Road*, stock it, and wait till it is completed for their return? If they will reflect a little, they well see it will only be paying a *little in advance* for the freight of *their own produce.*

Farmers should study these things more closely. They have allowed for many years *others to manage all these things for them*, and thus *their money* has built all these Roads; they have *paid for them by their* assesment for the freight of their own productions, and if *they had only managed their own business for themselves*, they would have owned the *Railroads* in the country, and the Farmers of to-day would have been the Millionaires as the result of their own labor, instead of as now, men who never labored, being the wealthy ones standing in the Front Rank, while the true laborers, the Farmers, stand in the back ground.

If our Farmers would feel mortified to be obliged to *hire a wagon to carry their wheat to the mill*, they should feel just as mortified to *hire* a team or *Railroad Car* to take their grain to market, *i. e.* they and all men in the land should have a controlling interest in these great conveyances of their own produce to the great centres of trade.

We ask their particular attention to the excellent article on our 106th page, in the Agricultural Department, which we found in the *Horticulturie Farmer*, and we leave off as we begun, the Farmers of California will build all the Railroads in our State.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of *our Journal*, to which we would direct their special attention.]

We have a valuable Essay on Bees, from a correspondent at Albany, N. Y., which will appear next week.

We have to acknowledge favors from the Agricultural Department at Washington. Particulars next week.

Important Wool Reports from Boston and Philadelphia next week.

We acknowledge the favor of the Annual Report of the Illinois Industrial University for which we return thanks.

We have a letter from a distinguished Fruit Grower, relative to the Shipment of Fruit by the Railroad to New York. It will appear in our next with reply.

We commend to all our readers the Report of the Legislative Excursion of the friends of the Massachusetts Agricultural College.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

We have received Report of Surveys across the Continent in 1867-8, for a Route for the Kansas Pacific Railway to the Pacific Ocean at San Francisco and San Diego, by Gen. J. W. Palmer. A most valuable and interesting volume, for which we return thanks to the Author for a copy.

Monthlies.—We have April numbers of the Overland and Atlantic Monthlies, and as they lay before us, they appear like two blood Arabian Racers, both determined to win; Splendid both of them, but oh, the Overland is about one length ahead.

Music.—We have the Annual Catalogue and Circular of the 'New England Conservatory of Music from Boston Music Hall. The number of Pupils in this institution this year is 1827. A Prosperous Institution.

Catalogue.—We have received the new Catalogue of Peter Henderson, Esq., the well known Florist of Bergen City, N. J., author of many valuable essays on Floriculture.

Allen's Catalogue.—We have a copy from the well known Seedsman, of Water Street, N. Y.

The prayer of the office-seeker—"O that I were an event that might take place!"

Jailors invariably turn out rogues.

New Advertisements.

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IN ONE SEASON.

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Early Rose Potato!

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1 Pound Early Rose sent by Mail, postpaid, for	$1 00
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4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
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4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
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4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominny Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
4 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed for	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chamberburg, boxed, for	7 00

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Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.

FARMER OFFICE.

ECONOMY

WASHING MACHINE!

A new lot of the above named Machines, including all the latest improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JOHN M. HORNER, MISSION, SAN JOSE, ALAMEDA COUNTY, will receive prompt attention.

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SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,

Or GEN. JOSIAH HOWELL, Sacramento City.

Compare Prices.

THE MASON & HAMILTON ORGAN COMpany, whose Organs are acknowledged to be the best, have this season introduced very important improvements and new styles of Organs, and have materially *reduced prices*. Four Octave Organs, $50 each; Five Octave Double-Reed Organs, Five Stops, $125. *Every one having any idea of purchasing an Organ* should at least obtain one of their circulars (which will be sent free) and compare prices. Address the MASON & HAMLIN ORGAN CO., 596, Broadway, N. Y. or 154 Tremont Street, Boston. 1t.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C. McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN 'JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

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Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

The agency for the *Church Union* is the *California Farmer* Office, San Francisco, where subscriptions will be taken and copies furnished.

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30 -22 41 Park Row, New York.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE. nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

THE EARLY ROSE POTATO.

THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER, a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Seedsman, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato.

WARREN & CO.
Farmer Office.

THE NEW OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.
Farmer Office.

---

ew Potatoes to Plant.

We invite those who wish to secure the New Potatoes to plant in quantities, such as the GOODRICH, EARLY ROSE, HARRISON, CHILI, etc. to call at our Office and confer with us, as we can give favorable chances to those who have choice land that is now in suitable condition to use (good rich loamy soil,) an opportunity that is very favorable.

Immediate attention only will secure the present chances. WARREN & CO.
FARMER OFFICE.

A CARD.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The near approach of the completion of that Grandest of all HUMAN ENTERPRISES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

We therefore invite all such who have valuable IMPLEMENTS, MANUFACTURES, INVENTIONS, BOOKS PAINTINGS, etc. to the Columns of the CALIFORNIA FARMER, will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop's.

GEO. O. WHITNEY & CO.

PIONEER

FURNI URE

AND

Upholstery Warerooms

MANUFACTURERS

AND

IMPORTERS.

ESTABLISHED 1850.

HAVE RE-OPENED AT THE NEW AND SPACIOUS BUILDINGS,

No. 319 and 321 PINE STREET,

Where will be found the most EXTENSIVE AND VARIED ASSORTMENT OF GOODS in the above lines ever before exhibit o: sale on the PACIFIC COAST 31-13

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO.

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS.

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spoke.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all the trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good ReaPer only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES,

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Old Stand, Cor. of California and Battery Sts., SAN FRANCISCO.

SPENCE & LENDRUM,

ap-7. Agents, San Jose.

THE

PHOTOSCOPIC

Table Company.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION

this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changable pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

Those who desire to PURCHASE can see one of the Tables by calling at the FARMER Office, or addressing EDITOR FARMER. 32-1

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the

FARMER OFFICE.

Home Miscellany.

WHAT I LIVE FOR.

I live for those who love me,
Whose hearts are kind and true,
For the heavens that smile above me,
And await my spirit too;
For all human ties that bind me,
For the task my God assigned me,
For the bright hopes left behind me,
And the good that I can do.

I live to learn their story
Who suffered for my sake,
To emulate their glory
And follow in their wake;
Bards, patriots, martys, sages,
The noble of all ages,
Whose deeds crown history's pages,
And Time's great volume make.

I live to hold communion
With all that is divine,
To feel that there's a union
'Twixt nature's heart and mine;
To profit by affection,
Reap truth from fields of fiction,
Grow wiser from conviction,
And fulfill each grand design.

I live to hail that season,
By gifted minds foretold,
When men shall live by reason,
And not alone by gold;
When man to man united,
And every wrong thing righted,
The whole world shall be lighted,
As Eden was of old.

I live for those who love me,
For those who know me true,
For the heaven that smiles above me,
And awaits my spirit too;
For the cause that lacks assistance,
For the wrong that needs resistance,
For the future in the distance,
And the good that I can do.

LETTER FROM OUR LADY CORRESPONDENT.

JENNIE GREEN. CHAP. IV.

Walking in the morning, and working by degrees upon folds of black crape.

Sometimes at the opera and sometimes at the play, weeks and months passed away.

Belle was radiant.

Emily and Marie Lee, Rebecca Golden, and Laura Lancaster were all changed. They wore strange lovers' rings, and like a party of young wives, they wrote strange letters.

Was Grayson real? wondered Jennie alone, as all women are who throw their love away upon one who cannot be perfect to them.

He was too changed and changable to possess an individuality. But some one whom we call Grayson, who was one to himself in the multitude; who smiled on Jennie like the lover in the play.

And he wrote letters and poems, read by the Union loving people in the North.

He knew that the way over which this young girl was coming to him was not strewn with flowers. Sometimes he remembered another, who might be dreaming over his tedious poems, and wondered what object of inspiration, Grayson whom they honored as a hero and patriot, could find away in the South. When Grayson remembered this, he wrote more to the Weekly Republican, and the admiring beauties far away, knew that it meant more than it seemed to.

Others watched Jennie; one with a finger less than nature gave him, and another whom she distinguished by a showy chain of gold upon his bosom, who might have contested for Jennie's hand, had she not loved, not as a woman, but as a dutiful child, the victim of his cruelty, who could sometimes take the place of a brother to her. Grayson had no rival, and Jennie lived in the dream of her romantic love.

Till the cloud of sorrow grew darker, and her heart failed, she went to her room and the world as it had been faded away from her forever.

After weary days of suffering, Belle devoted her time to a quiet dreamer, who toyed with a bunch of red ribbons, or a strand of beads; who neither desires nor could converse with her old times friends.

Then the artist remembered her with sorrow, wondering if great men loved? His way was dark; and others fairer and happier than she was smiled on him. He expected the woman who loved him, to devote herself to his cause. This he required. From Jennie or a rival, what right had he to feel, if he could for forget, if others could fill the place he had given her in his heart.

Resting upon her pillow, languishing away beyond the reach of the world's comforts and customs, Jennie was passing away from the world as it had been to her. She dreamed of twigs and false lips, and then there was a gathering of many friends, and her brother came home, and in all the trouble of the times married Belle.

And Jennie turning to her own love knew that no marriage could make it more perfect than it was to her. In her room were many marvelous pictures, of strange flowers and smiling faces; but not to her solitude could any light of her past life come.

Her young companions would love and wed.

And Belle with her noble soldier brother lived an example of what their happiness might be.

When the beautiful gates are left ajar, she will pass away.

BERTHA BAY.

THE END.

WAKEFULNESS.

It is the complaint of many that they cannot go to sleep promptly on retiring; others are inclined to wake up during the night and find themselves unable to go to sleep again for some hours; a third class wake up early in the morning, feel as if they wanted and needed more sleep, but cannot get to sleep again, and finally get up unrefreshed, sad, or not in a very good humor. If sadly so, that this arises from a mind ill at ease, from sharp-pointed memories, from business entanglements, or the loss of the loved, we have no counsel to give just now; it was intended to make some suggestions which would avail to counteract the influence of physical causes or those of a constitutional character. In nearly all this class of cases, the immediate cause of the wakefulness is the attempt of the person to impose more sleep on the system than it requires under the circumstances. The body will no more take, naturally, a greater amount of sleep than is necessary for the wants of the system, than a gallon bottle will receive more fluid when its proper gallon has filled it to the brim. You may force sleep on nature by taking anodynes, but the sleep is not natural, and always fails to refresh. Each person requires an amount of sleep proportioned to his own constitution, temperament, occupation and age; the general rule is, that women require more sleep than men; all require more in winter than in summer; infancy requires more than mature life; and old age often less than either.

The great regulator of sleep is exercise; it is the best anodyne in the universe, and is the only one that is always safe, always efficient and always wholesome and natural. If you cannot take much exercise, take a little, and every second hour increase the distance, and soon you will be able to walk a mile or more easily than you walked the first hundred yards. The following rules are of admirable utility:

Arise and go to bed at a regular hour; avoid rigidly a moment's sleep in the day time; get up as soon as you wake, even if it be in an hour; wash, dress, and remain up until your regular hour of retiring, and you will seldom fail of two results within a week; you will go to sleep promptly, will sleep soundly, and will as certainly have as many hours sleep as you require under all the circumstances of your habits of life, temperament and muscular activities. Without these last, healthful, delightful, refreshing sleep is an impossibility.

[This excellent essay upon *Sleep* we copy from *Hall's Journal of Health*, is in accordance with the true science of life, and no one can follow the laws laid down here and not receive benefit.]

WHERE WOMAN'S POWER LIES.

The true power of woman is in the resistless power of affection. In asserting this, am I attempting to mask the great questions of our day with "a glittering generality?" Am I disposed to deny any lawful claim which woman may make for a more extensive recognition of her rights, or a larger field for her powers? No; I am not doing any such thing. Let woman do whatever her faculties can achieve—let her go wherever her instincts demand—if she truly follows her instincts, I am sure she will not go wrong. I am sure of this, also, that wherever man may lawfully go, woman may lawfully go. Wherever woman ought not to be, it is a shame for a man, it is a shame for humanity, to be. I merely insist upon this, that whatever woman may accomplish in the world, with brain or hands, will draw its vital efficacy, its talismanic virtue from the heart; and that her strength in all these various shapes of action and of influence, in its root and essence, will be the strength of the affections. The hiding of woman's power must ever be in the fervor and steadfastness of her love. And her most triumphant characteristic is love, culminating in its highest expression—that of self-sacrifice. A thoughtful writer has observed the contrast between the sexes even in their play. "The boy," he says, "gets together wooden horses and a troop of tin soldiers and works with them. The girl takes a doll and works for it." That is woman's great peculiarity—the work of self-sacrifice—working for others.—*Rev. Dr. Chapin.*

BRAIN DISEASES.—Softening of the brain is becoming a 'fashionable' disease—that is, it is getting to be uncomfortably prevalent. We have no statistics of its progress hereabouts, at hand, but we see that in ten years, 1857 66, 11,685 deaths were registered in England and Wales, from this cause. Brain diseases generally are annally claiming an increase of victims. These diseases are cephalitis, (inflamation of the brain) apoplexy, paralysis, insanity, chorea, epilepsy and convulsions.

In England and Wales this class of diseases constituted a proportion, in the year 1866, of 1,233.9 deaths to every ten thousand deaths from all causes—viz: cephalitis, 83 6; apoplexy, 207-7; paralysis, 211-9; insanity, 13-1; chorea, 1-3; epilepsy, 49 8; convulsion, 553 4; and other brain diseases, 113 1. We fear our own record would present similar alarming results. The manner and fashion of having and doing business in these latter days are highly favorable to the development of such afflictions.

[We should suppose by the large number of persons standing at the corners of our streets, and grouping together at saloons and other places, *doing nothing*; that here in San Francisco, there must be a large number of persons who were affected with "softening of the brain."—ED.]

AIR AND EXERCISE.—Dr. Hall, of the *Journal of Health*, says to his "consumptive friends:" "You want air, not physic; you want pure air, not medicated air; you want nutrition, such as plenty of meat and bread will give, and they alone; physic has no nutriment; gasping for air cannot cure you; and stimulants cannot cure you. If you want to get well, go in for *beef and out-door air*, and do not be deluded into the grave by advertisements and unreliable certifiers."

THE CAT'S TRAGEDY.

Four kittens came to my house,
A-foot on the highway;
The mother stopped to catch a mouse,
Under a stack of hay.

She made a mighty blunder,
In getting too far under,
And couldn't get away;
The kittens thought it would be nice
To dine upon a little mice,
But ne'er a mice had they!

MORAL.

Ambitious mother, on life's road,
Keep close unto your little brood,
And never let them stray;
Remember that the finest things,
Beyond the reach of apron-strings,
Is dangerous for they.

—Henry Ward Beecher says that the best time for family prayer is immediately after supper for then the children will be most likely to be quiet, and feel that they have something to be thankful for. No one will be hungry; no one will be sleepy; and if ever the whole attention will be given to devotion, it will be at those times.

—He that envies, makes another man's virtue his vice, and another's happiness his torment; whereas, he that rejoices at the prosperity of another, is a partaker of the same.

—We should take a prudent care for the future, but so as to enjoy the present. It is no part of wisdom to be miserable to-day, because we may happen to be so to-morrow.

—That plenty should produce either covetousness or prodigality, is a perversion of Providence; and yet the generality of men are the worse for their riches.

—It is not the height to which men are advanced that makes them giddy; it is the looking down with contempt upon those below them.

CARLOS O'DONNEL'S

CALIFORNIA

CORDIAL TONIC

OR

Wild Cherry Bitters.

TRADE C. O. D. MARK

This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for y disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

DYSENTERY, DIARRHŒA

NERVOUS AFFECTIONS,

Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

N. B. JACOBS & CO.

Sole Agents,

423 *FRONT STREET, SAN FRANCISCO.*

31.12 3m.

GARDEN GROUNDS LAID OUT,

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO., Farmer Office.

THE

PHOTOSCOPIC

Table Company.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

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Miscellaneous.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C. McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868.

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months,.....$35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

94-3 REV. A. VARSI, S J. President.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of FARMER Office

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked this large sum of money will be increased each year, until, in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster BY ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION *whose capital and assets will not be impaired or injuriously effected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

THE CALIFORNIA

MUTUAL LIFE

Insurance Company

Of San Francisco.

OFFICE NO. 13, MERCHANTS' EXCHANGE.

DIRECTORS:

FR'K McCOPPIN	S F BUTTERWORTH	D O MILLS
I FRIEDLANDEN,	A H ROSE,	M S LATHAM
L L ROBINSON,	WM S LADD,	LLOYD TEVIS
M D SWEENY,	J H GOODMAN,	O ELDRIDGE
JOHN T DOYLE,	J MORA MOSS,	THOS. BELL
WM BURLING,	THOS H SELBY,	C J BRENHAM
JAS T BOYD,	ALVINZA HAYWARD,	WM SHARON

F. McCOPPIN, President. S. F. BUTTERWORTH, Vice-President.

All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION OF DEBTS, whether the policy be in favor of the *party assured*, or of any *other person*.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured at any time when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium, for a period *corresponding* to the time they have paid all cash, by merely giving their note, and paying the interest in advance.

Wm. R. WHEATON, General Agent.

Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,

Or address Editor Farmer.

Miscellaneous.

BOWEN BROTHERS.

CHOICEST

FAMILY GROCERIES,

AND DESIRABLE

Housekeeping Goods,

Also

Foreign and Domestic Wines & Liquors

Of the Very Best Brands only.

A SPECIALTY of our House is always to have on hand the Newest, Choicest, and most desirable

LUXURIES FOR THE FAMILY

at all seasons of the year.

We call particular attention at this season and during the Festival Days, to the following desirable Family Articles:

NONE BUT THE BEST OFFERED

TEAS, every Choice Brand known.
COFFEE, Very Extra Varieties.
Sugars, Syrups, Spices,
Flour, Meal, Butter, Cheese,
Eggs, Lard, Hams, Beans,
Peas, Rice, Farrinaceous Food,
All kinds California Dried Fruits, in extenso,
Table Meats, great variety,
Raisins, Prunes, Currants, Figs, &c.,
Chocolate, Cocoa, Olive Oil,
Pickles, in endless variety.
Sauces, Preserves,
Hermetically Sealed Meats,
All kinds Jellies, Jams,
Sweetmeats, &c.
Toilet Soaps, Family Soaps, Starch, &c.
Special styles put up for us of
Fruits in Brandy,
Potted Meats, Fish,
Condensed Coffee, Condensed Milk,
Extracts of Coffee,
Manioca, for Puddings, Custards, etc.,
Spices,
Flavoring Extracts, 1, 2 or 5 oz. bottles
Portable Lemonade,
and all needed articles of this kind.

Brooms, Brushes, Pails, Tubs, &c.

SHIP STORES IN FULL STOCK.

Goods sent to every part of the city free of charge to the Steamboats at all the Wharves.

Farmers and Ranchmen in the country are specially invited to call on us when in the city, and examine our large and select stock of Family Groceries, which we offer at Wholesale or Retail

BOWEN BROTHERS.

Corner Montgomery and California Sts, San Francisco.

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest varieties of Grapes, ither in

STRONG ROOTED VINES

OR

Good Healthy Cuttings

Can secure the very choicest. Many varieties from rooted vines, that will show fruit the present year.

THE RAISINGRAPE

Strong jointed vines of this very desirable grape can be had with all others at

FARMER OFFICE.

PACIFIC ANATOMICAL MUSEUM,

....AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,

Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed, and the celebrated Du Chaillu GORRILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 10 to 5.

Preserve Your Sight!

BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,

7-1 No. 205 Montgomery street, San Francisco.

New Currants.

THE GONDUIN RED.

Long Bunches, rich and delicious.

THE LA PALLEAU.

A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.

BLACK NAPLES.

Very fine for preserves and Jellies.

WHITE GRAPE.

A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental Variety

JAPAN LILLIES,

Rare Kinds ROSES,

GERANIUMS,

HELIOTROPES,

FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE.

Miscellany.

CAMILLA URSO EN ROUTE FOR CALIFORNIA.

This fine artist is working her way very slowly towards California, for every city on her route, is craving her presence, "just one concert." At the present rate she will not reach San Francisco before the end of the proposed six month's tour. The Buffalo Courier thus discourses of her playing in that city:

"We hesitate in our commentary, scarcely knowing what to say of the performance of one of the most remarkable women known to the age—we mean the *violiniste*, Camilla Urso. A true child of genius, whose soul is animated by the very spirit of music, possessed of the subtlest powers of emotional interpretation, commanding a magnetic force which is masculine, and a tenderness which is deeply and ineffably womanly, the master of a bow which is as true to her wish as is the needle to the North Pole, we approach her with that feeling of respect, verging on awe, which is the unvarying tribute we have to render to genius. Say what we might, we could only part company with her, dissatisfied with our best efforts at characterization. She is queen of her instrument, and even with the performances of Vieuxtemps, Ole Bull, and others of the masters, still fresh among our musical remembrances, we must confess that none of them ever facinated us as does the rapt-faced, dreamy-eyed, and serious Camilla Urso.—Her first performance was a fantasie on a theme by Beethoven, which was rapturously applauded. In response she played a piece which we did not recognize. Her execution of the 'Witches Dance,' by Paganini, brought down the house again in a storm of applause, and upon making her second appearance she gave the 'Carnival of Venice.'—The audience, still hungering for more of the delicious music, compelled her reappearance, when she played in succession 'Home Sweet Home," and the 'Mocking Bird.' Upon being called out the last time, we thought we discovered the faintest smile in the lines of her mouth—the first we have ever known to illuminate the absorbed, sad face of this great *artiste*.

VELOCIPEDESTRIANISM.

Exit Velocipedes. The great excitement caused by this new fancy sporting machine is awaking attention among our medical men, as to its effect upon the Physical Man, and the Louisville *Journal* gives a report from a prominent New York physician who has written to the *N. Y. Times*, asserting that the Velocipede produces *Hernia*. He says:

"The operator sits with his feet in the proper places; legs being slightly bent forward; the hands on the crossbar. Thus he sits, his limbs moving downward, upward, forward, backward, using slight exertion on a level, little descending a hill, and very much in ascending. And what now is the condition of things? All those muscles which, when the body is in one straight line, were tense, now become relaxed. The hernial rings and canals are somewhat open, and while thus open, let the viscera be slightly or powerfully pressed upon, as will be the case when the machine is in motion, by the action of the abdominal muscles, which are accessories to those of the legs, in a vast majority of cases the hernial tumor will appear. If the victim does not understand his case, or if a surgeon is not convenient, the state of affairs is indeed alarming, and even if it is reduced, unless the proper precautions be taken, the tumor will reappear. Not only the relaxed condition of the abdominal rings, and the force exerted by the external abdominal muscles, but that powerful internal muscle, the diaphragm, is lending its aid to the other causes in the production of hernia. For it must be apparent to all that there is danger, not only to those who have never been ruptured, but are predisposed from the formation, or rather lack of formation, of their bodies, but also those who have been ruptured and are now cured. Here, then, is a tendency to the reformation of the tumor. And what shall we say of those who are already ruptured? The least exertion may cause the tumor to appear, inasmuch as there is formed a passage already, and especially since the pad is constantly liable to become misplaced."

A NOVEL PLAN OF WHOLESALE PROPOSAL.—A short time since, at a wedding in South Carolina, a young lawyer moved that one man in the company should be elected as president; that this president should be duly sworn to keep entirely secret all the communications that should be forwarded to him in his official department that night; that each unmarried gentleman and lady should write his or her name on a piece of paper, and under it place the name of the person they wished to marry, and if any lady and gentleman had reciprocally chosen each other, the president was to inform each of the result, and those who had not been reciprocal in their choice were to be kept entirely secret. After the appointment of the president, communications were accordingly handed up to the chair, and it was found that twelve young ladies and gentlemen had reciprocal choices, and eleven of the twelve matches were solemnized.

This is a good plan and might lead to more real happiness in married life than long courtships.

—It is related of a certain minister of Maine, who was noted for his long sermons, with many divisions, that one day, when he was advancing among the "items," and had thoroughly wearied his hearers, he reached at length a kind of resting place in the discourse, when, pausing to take breath, and looking about over his audience, he asked the question, "And what shall I say more?" A voice from the congregation, more suggestive than reverent, earnestly responded, "Say amen!"

—The apprehension of evil is many times worse than the evil itself; and the ills a man fears he shall suffer, he suffers in the very fear of them.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

New Strawberries, Raspberries, Grapes &c.

We have just received an Invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retailers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.
30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

AVERY TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc. being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,863 82
CASH ASSETS	$1,113,863 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B. Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull, S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.
SACRAMENTO:
Edgar Mills, G. W. Mowe, C. T. Wheeler.
MARYSVILLE:
J. H. Jewett.
STOCKTON:
T. R. Anthony.
PORTLAND, OREGON:
W. S. Ladd, Jacob Kamm.
VIRGINIA, NEVADA:
Wm. Sharon

Officers:

JONATHAN HUNT, President
A. J. RALSTON, Secretary.
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.
T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the package

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

GENERAL PACIFIC RAILROAD, LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Bloancle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by Editor Farmer.]

San Francisco, April 22

Our Grain Market presents no new features this week, save a slight decline in price abroad. The Liverpool quotations being a shade lower than last week. The New York prices remaining about the same.

From all the great grain producing States *west* of N. Y., large crops are heralded in prospect, while beyond a doubt the *Southern States* will raise enough for their own use, and some to spare. It should be remembered that *before the war*, the North supplied the South largely with *Bread Stuffs*; now the case is materially changed.

Little or no demand is had for exports for Wheat, while it is rapidly being shown that we have an excess now beyong the calculation of the *Knowing Ones!*

The papers of the day, now show that speculating exporters are showing *Profits in shipping Grain on the wrong side of the ledger*, a plan that dont pay in bookkeeping, or rather purse-keeping.

The present stringency in the money market is being attributed to *Politics*, and the Chamber of Commerce are remonstrating against a change of Mint officers, and that the only way to prevent a "Crisis" is not to *shut up the Mint*. The Bank of California is calling in *half of their loans*, also to prevent *hard times*. These may be wise plans now the the mistake has been made, but if *our surplus Grain had been sent abroad, instead of our Gold*, the difference *now* would have been more than the *whole Capital* of the Bank of California, for we could have sent one hundred and fifty thousand tuns more, and there would have been *no pressure*, and we are surprised the learned Chamber of Commerce don't speak upon the subject plainly, and show that they are all really interested in this matter, and at the same time show their wisdom and foresight.

Wool is in good demand and advancing.

Hides and Tallow are at good prices.

Cotton Culture, Flax Culture, and Sugar Beet Culture are assuming shape now, and will soon form important items in our expert trade.

Large shipments of Linseed Oil Cake has been recently made by the Linseed Oil Manufactory to Europe, where it brings a large price, and profitable returns to shippers.

Oregon is going largely into Flax raising, and large crops have been put in also in our State.

Potatoes are abundant and low, and this year the new kind of Goodrich, Rose, and the Harrison will be offered in market as choice things for our tables.

A good and prosperous year is ensured to the cultivators of the soil, for which they should be devoutly thankful.

Grain, &c

Wheat California, ₱ 100 lbs	$1 25	@	1 40
do Extra	1 40	@	1 50
Barley, ₱ 100 lbs	1 50	@	1 75
Rye ₱ 100 lbs	3 50	@	4 00
Oats, California, ₱ 100 lbs	1 80	@	2 00
Corn ₱ 100 lbs	1 50	@	1 75
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 00
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	16 00	@	18 00
Middlings ₱ ton	20 00	@	25 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes	50	@	75
do sweet	2 00	@	2 50
Onions	5 00	@	5 50
Hay, ₱ ton, extra	10 00	@	15 00
Hay, ₱ ton, ordinary	10 00	@	15 00
Straw ₱ ton	7 00	@	10 00

Retail Prices in the Fruit Market.

In our Fruit Market there is little or no change, excepting Strawberries, which are coming to hand very plentifully, consequently coming down in price. The demand for this delicious berry is unusually large, and increasing very much; without exception, there is no market in the known world so well supplied with this and all other seasonable fruits. What market can boast of having its thousands of pounds of Strawberries daily coming in, so early in the season, and all coming to perfection in the open air!

Oranges are becoming more plentiful, and are excellent in quality. There has been a scarcity of Pine Apples and Bananas this week.

Apples, ₱ box	1 50	@	4 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb	—	@	—
do Dried		@	
Nectarines, ₱ lb	12½	@	15
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	20	@	25
Raaberries, ₱ lb	—	@	—
Blackerries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ c	1 50	@	2 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chilli do	—	@	15

Retail Prices in the Vegetable Market.

Vegetables, as a rule, have slightly fallen off this week. We have had nothing particular worthy of note brought to our city this week. The leading features are Asparagus and green Peas, which are very abundant. A few Spring Cabbages are coming to hand, the best of which are the Early Dwarf and Early Nonpariel. Broccoli and Cauliflowers are very scarce; so also is good Cabbage Lettuce.

Asparagus, ₱ lb	10	@	12
Artichokes, (Fr.) ₱ doz	37	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz		@	1 50
Cauliflower, ₱ doz		@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	3 00
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 50	@	200
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	20
Green Peas, ₱ lb	8	@	10
Green Corn, ₱ doz ears		@	—
Sugar Peas	—	@	25
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	75
do cultivated		@	1 00
Onions, ₱ lb	8	@	10
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	4	@	6
do Sweet	6	@	8
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	25	@	35
Parsley	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	—	@	20
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	25	@	35
do Red	—	@	37
Squash, Summer	—	@	—
do Marrowfat	5	@	—
do Hubbard	3	@	5
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	—	@	50
Salsify, ₱ bunch	25	@	—
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	25

Fish

(Tessmore and Hayes.)

Our housekeepers must be highly gratified to find that Salmon, the Prince of Fishes, can be had at the reasonable price of 8 cents per pound. Who will not have a piece of fresh Salmon for dinner every day, as long as it can be had so cheap. In this climate it is better to partake freely of light diet rather than more heavy and substantial meats. Fresh Fish is easily digested, and benefits the system as much as animal food. Lobsters are very fine, and excellent in quality; so also Crabs, and to be had at reasonable prices.

Salmon, ₱ lb	—	@	8
do smoked, new	—	@	30
do pickled, ₱ b	—	@	8
do do ₱ lb		@	
Salmon Trout ₱ lb	—	@	—
Smelts	8	@	10
Perch	8	@	10
Rockfish	—	@	12
Codfish, dry	—	@	18
Herring, fresh	—	@	
do smoked		@	1 00
Tomcod	—	@	20
Sardines, fresh	—	@	—
Solefish	—	@	30
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	40
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12½
Flounders	—	@	20
Sea Bass	—	@	
Halibut, rare	—	@	—
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb		@	
Turbut		@	50

Meats.

(L. Miller & Co.)

The Meat Market is tolerably well supplied, and prices have a downward tendency, which in a small measure may be attributed to the large supply of Fowls and Fish. Birds of all sorts in season can be had very cheap; so also fine fresh Fish of all varieties. The unusual supply of these articles certainly must affect our Butchers, nevertheless, they have no reason to complain, as they each and all are doing a brisk business.

Beef, tenderloin, ₱ lb	20	@	25
do sirloin and rib pieces	20	@	25
do corned	12	@	15
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	18	@	25
do cullet	—	@	25
Mutton, chops, ₱ lb	15	@	20
do leg	15	@	18
Lamb, ₱ lb	—	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, Californis, ₱ lb	—	@	20
do Oregon	18	@	20
do imported	18	@	20
do smoked	75	@	1 00
Hams, California and Oregon	—	@	25
do Sugar Creed		@	32

Poultry and Game.

The extreme fineness of the season has had a tendency to reduce the prices in this department, Hens lay more plentifully, and the roads are in decent condition so there is no difficulty in sending to Market.

Ducks, wild ₱ pair	75	@	1 00
do tame	2 00	@	2 50
do Canvas-back		@	1 25
do Mallard	75	@	1 25
do Teal, ₱ doz		@	3 00
Geese, wild, ₱ pair		@	1 25
do tame	2 00	@	2 50
Chickens, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	75	@	1 00
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz	1 75	@	2 00
Pigeons, domestic, ₱ doz		@	3 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

Poultry and Game—Wholesale Prices.

Hens, ₱ doz	9 00	@	10 00
Spring Chickens	9 00	@	10 00
Turkeys, ₱ lb	—	@	28
Ducks, tame, per doz	8 00	@	8 50
do wild	—	@	3 00
do Mallard	400	@	4 50
Geese, tame, per pair	350	@	3 00
do wild	4 00	@	4 50
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	—

Dairy—Butter, Cheese, Eggs etc.

(M. B. French & Co.)

Butter should be coming in sweet and fresh, by reason of the most abundant feed for our dairy stock. We should not import Butter.

Butter, California, ₱ lb (Fresh)	40	@	45
do do packed	—	@	50
do Oregon packed	—	@	—
do Eastern	40	@	50
Eggs, California, ₱ doz	40	@	50
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	15
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

Butter, Cheese, etc.—Wholesale

Butter, California, ₱ lb	33	@	35
do do packed	—	@	40
do Eastern (new)	—	@	42½
Cheese, California	—	@	18
Eggs, ₱ doz	—	@	35
Lard, ₱ lb	12	@	15

San Francisco Cattle Market.

Average Slaughterers Prices

L. Miller & Co.

Beef—American, 1st quality, 10 @ 12½c ₱ lb
do. 2d do. 7 @10c.
Mutton—7@9 ₱ lb. Lamb— 11@12½c.
Pork—undrssed, —8@10½c; dressed, 12½@15c.
Veal—9@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	30	@	35
Mustard Seed	3 00	@	4 50

Wool, Tallow, Hides etc.

Wool, spring clip	20@22
Medium	
do burry	15@18
Wool-sacks, new	10@12
do second-hand	70@90
Dry hides, ₱ lb	40c@50
Green salted, ₱ lb	16@17
Sheep skins, wool on	7½@8
do do plain	40@50
Goat skins, each	15@30
Rendered Tallow	40@60
	8½@9¼

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address

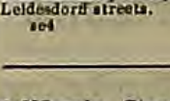
Editor Farmer.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS



Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

April 17th—GOLDEN CITY, Capt W. F. Lapidge, connecting with HENRY CHAUNCY, Capt. Conner.

April 30th—MONTANA, Capt. E. S. Farnsworth, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings, Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento or alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wadsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6:30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic states.

C. CROCKER,
General Superintendent

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

31-1 Proprietor of the Auzerais House.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

ALL etters, Orders, Parcels, &c., intended or this office hould be addressed WARREN & CO.,
California Farmer Office

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

—o—

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuges now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the vendors of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S

CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires that some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and for tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with deranged state of that organ.

DISEASES O THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the power of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three-fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet on examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken in connection with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge in two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are infallible, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S

American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult, the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. And even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed and with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure or livid circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or foul tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough; cough sometimes dry and convulsive; uneasy and disturbed sleep, nightmare; grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, give a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: DR. McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the same stamped on the lid of the box, in red wax.

Prepared only by
FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills, or one Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, APRIL 29, 1869. NUMBER 15.

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BY WARREN & CO.

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SAN FRANCISCO.

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☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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Eastern Correspondence.

TRAVELS IN ORIENTAL AND BIBLE LAND.

We are most happy to lay before our readers the following Letter from Rev. I. S. Diehl, our highly Esteemed Correspondent, and a well known Californian of former years; but recently a Traveler in Oriental land, previous to which Mr. Diehl was U. S. Consul at *Java*, from whence we received several valuable and highly interesting letters, and more recently we received letters from Asia, and letters from other places on his return.

It will be remembered that Mr. Diehl brought with him from Asia a large number of the *Cashmere Goats*, which has since greatly increased, and have proved of great value to our country.

We are exceedingly gratified to know, as the letter states that our friend will soon again visit our sunny land, and still again gratified to know he will present in a series of Lectures an account of his Travels in Oriental Lands.

This announcement we know will be most gratifying to the large circle of Friends that will be ready to welcome Mr. Diehl back to California again.

The Lectures of Mr. Diehl will *now* be of very great interest to us in California, for by the opening up of trade with China and Japan and the Eastern World, and the speedy passage that can be made to and from the Old States and Europe, everything that relates to the Old World and especially to Oriental Lands and their wonderful history, must particularly interest Californians.

We therefore speak in advance, and in behalf of the many warm friends of Mr. Diehl and bid him a most hearty Welcome back to California.

WASHINGTON, D. C., April 12, 1869.

COL. WARREN, *Editor California Farmer:*

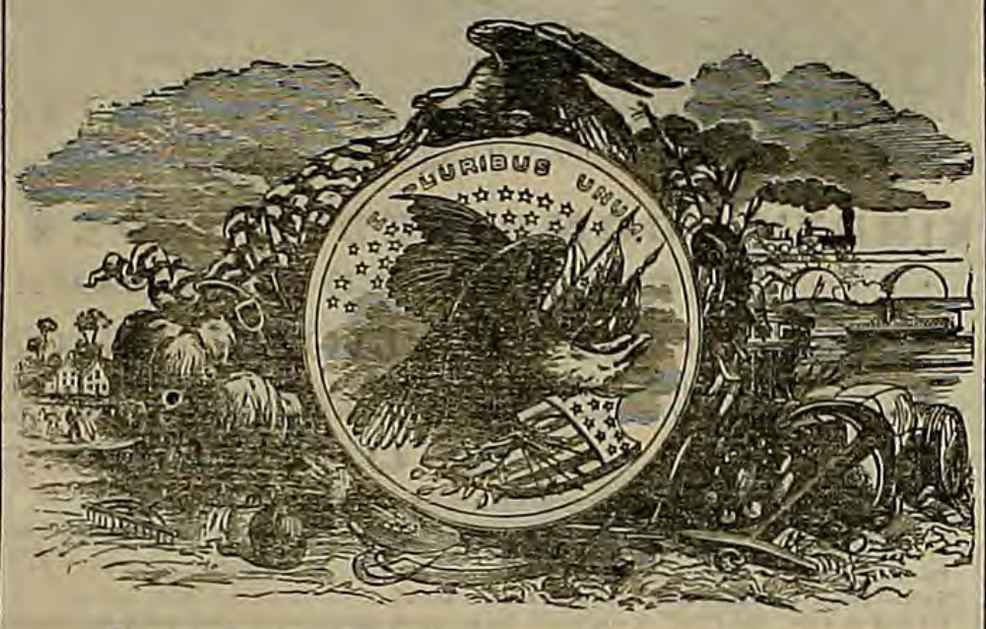
My Dear Sir and Friend:

I am pleased to say to you as an old Californian and Friend, I am finally about returning to California, at least for a season to see my old Friends, the scenes of my former labors, and travels, and at the same time to Lecture some on "*Travels in Oriental and Bible Lands*," which Lectures I am pleased to say have been well received, and with all been quite successful and remunerative. I shall doubly enjoy my trip and visit through California, more since my Tours through Asia from similarity of Country Scenery. I shall be quite happy to see you and my Old Friends of California.

I have been Lecturing all Winter at Philadelphia Pa., New York, Baltimore, and here. I go from here to St. Louis, to look after my Cashmere Goat Family, and as soon as Railroads join, start for California, anticipating a pleasant time, trip, and visit, and shall be pleased to see and serve you. I have had an eventful life since I saw you and left California, and as a Traveler yourself, I know you will be interested in those wonderful Asiatic Lands. The world is marching on, and California may yet be the beacon lighthouse to shed athwart the moral and political darkness of Asia, the benign and hallowed blessings of Civil and Religious light and Liberty, in which the Farmer as a Pioneer and Missionary may participate.

With kind regards till I see you; peace and prosperity attend you,

Most Fraternally Yours,
ISRAEL S. DIEHL.



American Genius and Enterprize!

CALIFORNIA BEATS THE WORLD!!!

Grand Progress in Agriculture.

NEW HARVESTING IMPLEMENT.

A Locomotive Threshing Engine.

In some lonely districts of New England, where railways have not yet penetrated, and the custom of forty years ago survive, distinct if not vigorous, the traveler may still hear at certain seasons of the year, proceeding from barns along the road the peculiar *thug*—which is like no other possible sound—of a flail descending upon grain in the straw. Yes, even at this day, many a Yankee boy schools his young sinews in the discipline of the flail, and ponders as he pounds, the "long, long thoughts" of youth. But the reign of the flail is nearly over, and soon it will be numbered among the obsolete agricultural implements that we read about, wondering how our ancestors could have been content with their awkwardness and inefficiency. The invention of the threshing machine revolutionized the whole system of agriculture. Even New England farmers must have it for their crop of 500 bushels of oats; and but for it the great grain fields of the West and the Pacific Coast would never have received the seed.

But man is never contented with his condition. He grew weary of swinging the slow and dangling flail, and forewith invented a machine by which horses could be made to do his work tenfold more rapidly. This was a great gain, but so long as he fell short of perfection he was not satisfied. He set to work and compelled steam to drive his threshers. This was another improvement; but he still found fault with his own handiwork. Threshers driven by portable engines, or even those driven by horse power, might do very well for small farmers, but the vast wheat fields of California and Oregon demanded something more efficient. There was a long interval of inaction. Many inventors kept up a thinking and an experimenting how they should make a machine that should thresh grain faster and more economically than the apparatus now in use.

At last a Californian—Robert Baxter, of Stockton, inventor of the famous Baxter gang-plow, marking the gigantic progress of his State in the business of grain growing, and knowing her enormous resources yet undeveloped, began to ponder on the desideratum. He determined to make a threshing machine that should not only reach the maximum of efficiency but should also move itself—be a locomotive, in fact, and, propelled by strength from its own loins, run about from farm to farm as easily as a scissors grinder or a hand-organ man. He resolved to do this, and he did it.

Coming over to Worcester he sat himself down in the great shops of the "Ames Plow Company" and went to work. A few days ago, the machine was finished and taken out into the yard to be gazed and wondered at by hundreds of curious spectators. It is a queer looking apparatus, not handsome according to the strict rules of art, but it impresses the beholder with a sense of enormous power. The casual observer, looking at it, would see hardly more than a smoke-stack mounted on two pairs of wheels, the rear wheels being of huge dimensions.

The running part of this machine, it should be remembered, is just like that of a portable engine; but the difference between the two, though not plain to the unprofessional eye, is very important. The distinguishing peculiarity of the former is this: on the crank-shaft it runs two gears on each side of the crank—one a plain spur gear, and one with an intermediate by which the motion is reversed. To the forward wheels is attached a pole, and above them is a little seat like that on a mowing machine. A pair of horses being hitched to the pole and the driver having occupied his seat, steam is started and the monster moves. The horses do not draw a pound, for there is no need that they should do so; they simply guide the course of the engine as the fore wheel of a velocipede guides that vehicle. The machine is under perfect control; it runs along, the horses trotting briskly before it, reaches its destination, connects with the threshing machinery, saws the wood that keeps its fires going, pumps the water that fills its own boiler, and all things being ready, falls to work on the waiting wheat and rattles it out at the rate of 1,500 to 2,000 bushels per day.

The design of this engine is entirely novel; nothing like it has ever been attempted. Its value must be plain to every reader. To the New England farmer and to the majority of his brethren in the Middle States it can be of little use, working on too large a scale; but in the great grain-growing regions of the West and the Pacific Coast, it will prove an inestimable help. The main objection heretofore existing to the employment of steam in threshing grain, was the difficulty and expense of transporting the engine from one point to another. By this invention this objection is wholly done away with. Of its success there can be no doubt; it has been carefully tested, with the most gratifying results, and within a few days the pioneer machine will be on its way to California, with whose next grain crop it will unquestionably have a very large "bone to pick."

The shops of the Ames Plow Company, in Worcester, where this invention was born, afford as striking an illustration of the potency of Yankee genius, the vigor of Yankee enterprize, and the skill of Yankee industry, as can be found in all New England. The shops themselves are not much to brag of in an architectural point of view, but, if life is beauty, they are beautiful enough, for there is no livelier place in the land. Every foot of the vast area covered by the shops is carefully utilized, the work is wisely systematized, and every man of the two hundred and seventy-five who compose the working force, seems to know his place and his duty, and to do the latter to the best of his ability. It is a pleasure to walk through an establishment where method is so palpably in authority.

The products of the Ames Plow Company are agricultural implements, and to the question what kind? the most fitting answer would be another question, what kinds do they not make? There are very few tools of wood or iron employed in the business of agriculture that do not appear in the list of articles manufactured by this Company.—And the extent of their business is proportioned to the variety of their products. Their implements are known and used in almost every civilized country, and each year witnesses an enlargement of their field of labor. California is a heavy customer, and hardly a vessel sails from the Atlantic Coast for that State that has not on board cases marked "From Ames Plow Co."

At Groton Junction the Company have other extensive works, which give employment to 225 hands, and are mainly occupied in the manufacture of the numerous labor-saving machines made by the Company. There are three or four of these machines whose remarkable efficiency and value fairly entitle them to mention in connection with the steam threshing machine which has been described above.

In gathering in the twenty million tons of hay, annually cut in the United States, our farmers have in the last dozen years, been materially aided by the mowing-machine and the horse-rake, each of which performs the work of several men. But even with these helps they have not been able to make sure of getting in their crops in good order, nor to "make hay while the sun shines," rapidly enough. Hardly any crop raised in the country is so liable to injury by unfavorable weather as hay, and it is the prime object of the farmer to secure it with the greatest speed consistent with its thorough cure. Dependent on hand labor alone for the necessary ventilation or "spreading" of the hay, he is rarely able to take advantage of fine weather, and house his hay within twenty-four hours after it is cut. Any means by which he can do this would happily supplement the advantages of the mowing-machine and the horse-rake, and lessen to an important extent, the risks which now attend the gathering of the hay-crop.

In the American Hay-Tedder, it is safe enough to say, this means has been discovered. This machine, drawn easily by one horse, goes about the field and lifting the freshly-cut grass, tosses and shakes and disentangles it, and opens its matted masses and drops it on the ground to receive the curing influences of sun and air. This it does as fast and far more thoroughly than twenty men with pitchforks could do it. Thus it virtually saves the farmer the wages of twenty men for a large part of the day, and, more than that, it enables him to put, as fully made hay, into the barn before night, the grass that his scythes or mowing-machine cut in the morning.

Hay tedders have for sometime been used in England, and a few English machines have been brought to this country; but their clumsy and faulty construction and heavy cost have prevented their adoption here. The American Hay Tedder seems to realize all the conditions of excellence—efficiency, lightness, ease of operation, simplicity and cheapness; it is adapted for use in all sections of the country, and within a very few years, beyond doubt, will be deemed as indispensable as the two machines with which it is naturally associated, by every intelligent farmer.

The American Hay Tedder consist of a light reel mounted on two wheels, and furnished with sixteen spring forks. When the wheels are revolved by the motion of the horse, these forks revolve also with great rapidity, catching up the grass and distributing it, as above stated, in just the manner which a man with a fork would pursue, *if he could*. A driver, who may be a boy of ten years, sits on a seat above the reel and has nothing to do but to hold the reins. It is a sufficient comment on the merit of these machines, which were first introduced in 1867, that the Ames Plow Company will, this year, make 3,000 of them.

There are three other agricultural machines made by the Ames Plow Company that deserve equal attention with the Tedder—The Perry Gold Medal Mower, Burt's Self-Adjusting Horse Rake, and the Patent Improved California Harvester or Heading Machine; but our limited space restricts us to a mere mention of them. That they are worthy companions of the Steam Threshing Engine and the American Hay Tedder, a visit to the warerooms of the Company in Quincy Hall, Boston, and at 53 Beekman street, New York city, will convince any intelligent investigator.

CONDITION OF THE PACIFIC RAILROAD.

The *Alta* says:

The Board of Commissioners appointed by the President to examine the Pacific Railroad have completed their first expedition, and reached home yesterday, on their return. They found that on Saturday last the Central road was finished to Monument Point, and the gap occupied by the stages was 65 miles—the time in the stages being eight hours. About 30 miles of track were then used by construction trains, as the road needs ballasting before it can bear general traffic. It was said that the last rail would be laid this week, and that the entire road will be open for general traffic on the 10th of May. The Central Company intend to lay ten miles of track to-day, and thus surpass any previous day's work at railroad track laying. The Union Company has sold out its track west of Ogden to the Central, and is doing work there as a contractor, not as a proprietor.—The two companies have settled all their disputes and are now on good terms. The Union has graded 142 miles, which it has not ironed, and the cost of this grade was $300,000. The report of the travelers is that the road lately made by the Union and Central is excellent. Some statements lately published by Henry George, to the effect that the Central Road is very shabbily made, are directly contradicted. A gentleman arrived in this city last evening in seven days and a half from Chicago, including the day that he laid by, so that the actual traveling time was six days and a half.

HOW TO GROW LARGE POTATOES.—The *North British Agriculturist* says: "To improve the size of potatoes, whether planted with small or large, whole, or even cut potatoes, when the plants are only a few inches high, let the shoots be reduced by pulling them up to one or two, or at most three of the strongest. The tubers will, consequently, be fewer and very much larger, also in measure nearly all fit for market and the table. Every grower will do well to try a few rows by way of experiment, if he disbelieves the truth of this statement."

THE YOUTH OF SAN FRANCISCO.

[The following most excellent essay we found in the interesting little periodical *Social Voices*, published in our city. The writer J. deserves thanks for this earnest counsel, and we trust Parents will read it carefully and heed it well.—ED. FARMER.]

The newspapers have had considerable to say of late in regard to the sad depravity so fearfully prevalent among the boys of our city; and when we consider how important the position of San Francisco will soon become in the world, it behooves not only the press but every true Patriot, Philanthropist and Christian to inquire, with earnest anxiety, into the present condition of the young of this place, in order that they may know what kind of citizens will have the reins of government when they shall have passed away, and their descendants shall be called upon to occupy the places they now fill. We hope that the public discussion this subject has had will culminate in the promotion of a strong and sound public opinion, whose weight will be felt in this community. Evil-doers must understand that society will frown down upon them and their actions, and that to gain the respect and esteem of their fellow citizens their private characters must be above reproach.

It too often happens that a man's position in society hides many of his glaring faults and misdeeds, and that on account of his talents, wealth or social rank, his imperfections of character and positive wrong actions are but slightly condemned, and he holds his head as high as the purest moralist in the land.

The plastic mind of youth easily receives impressions, and its estimate of virtue, morality and religion is very apt to be formed by the manner in which these are upheld and received by the people among whom it dwells.

The disgraceful scene enacted in the sand hills at North Beach one Sabbath morning, not long since, as the church bells were pealing and the respectable citizens were wending their way to the several places of worship, is still fresh in the minds of our readers. If men are allowed to charter steamboats for the purpose of visiting some unfrequented spot in our harbor, there to engage in all the details of the prize ring, for the gratification of beings whose tastes are so degraded that they really enjoy such inhuman scenes, is it at all astonishing that Young America, in emulation of what they have been taught to consider the height of true manliness and exalted nobility, should shock the public with similar exhibitions of what they are led to believe is the embodiment of all bravery and courage? If Young San Francisco is to be reared amid all these scenes, so debasing in their influences, it cannot be expected that without the utmost vigilance of parents and guardians they can ever prove useful to the community or to themselves. Something more than education must be done for the children of our city. While the standard of those who attend our public schools is the highest (with, we believe, one exception) in the United States, it is only necessary, on the other hand, to read the daily papers to furnish abundant evidence of how much degradation already exists among a very large proportion of the boys.

The open desecration of the Sabbath in the manner in which it is too frequently done in this city, cannot certainly meet with the approval of the respectable, and we believe the largest, portion of our people, however they may differ in religious opinions; and yet the entertainments that are held on that day in wanton violation of the feelings and utter disregard of the opinions of so large a number of our citizens, cannot fail of having its full influence upon the young. Will any one pretend to say, in the face of all history, that such a course will produce a sound and moral public opinion? Let those who will desecrate the day do so quietly, and in their own way, so long as they do not interfere with the just rights of peaceable citizens. All will then be protected—the Sabbath-keeper as well as the Sabbath-breaker.

Let us throw around the young all the saving influences we can, for if we wish our city to be well governed we must see to it that the youth are thoroughly instructed in those great principles of right, justice and virtue which lie at the foundation of all true national or individual prosperity.

FINE HOMESTEAD IN NAPA.

By referring to our columns will be seen a fine Home in Napa for sale. This is indeed a very fine Estate, and is offered at a great Bargain. We would urge those who want a fine place to go and see it. It is pleasantly located, and can be made profitable. The owner will show the place, and explain its prospects of crops, etc.

A NEW WHEAT CLEANER.—We see by our exchanges, that R. B. Lane, Esq. of the well known Flouring Mills on Weber Avenue at Stockton, has invented a new machine to clean wheat. It is reported to be a superior implement, doing the work perfectly. This is highly honorable to Mr. Lane, the inventer.

Agriculture.

WRECK AND RUIN.

A slovenly dress, a shabby pate,
The fences down, a broken gate,
Pigs in the garden, weeds very high,
Children unwashed—no bacon to fry—
Lots of great dogs and yawling tom cats,
Windows repaired with a dozen old hats,
An empty barn—not a spear of hay,
Cows in the clover, horse run away,
Things sold by guess without being weighed,
Bills coming in and taxes unpaid—
Pipes and tobacco—whisky—neglect,
Drag in their train, as all might expect,
All sorts of trouble to fret away life—
But worst of the whole, an unhappy wife.

* * * * *

[Such evils are rare in the circle of Home,
Unless it is cursed by Tobacco and Rum.—Ed.]

TALK ABOUT BEE HIVES.

[We lay before our readers a very valuable letter, from a venerable Apiarian at Albany, N. Y., who is now in his *seventieth year* of age, and yet a real worker.

Our apiarians here in California may get valuable instruction from this letter, and we give the letter with much pleasure, and hope to hear from our honorable correspondent as often as his duties and health will permit. He deserves honor for his industry.—Ed. Farmer.]

Of the hundreds of Bee Hives, patented and unpatented, in use or out of use in the United States, that hive that combines the means, at the least expense, to secure the most direct access to every part of the hive, the greatest security for winter, and the largest amount of surplus honey, given in the field of the apiary, is undoubtedly the best.—The first of these objects is best secured by movable comb, either by comb frames or by bars. The second is best secured upon the stand by such construction, that the bees may have straw, hay, chaff, sawdust, cobs, or other nonconducting substance, crowded around them, six or eight inches in thickness, enclosed by double walls.

The third object can best be secured by a sufficient number of surplus honey boxes to store all the surplus honey gathered by all the laborers in the whole season. The hive embracing these three ends, in the simplest form, and at the least expense, is undoubtedly the best hive for use in the United States.

Illustration by experiment with three classes of hives.

1st Class—Hives with 2,000 cubic inches in the body of the hive—four boxes upon the top for surplus, of an aggregate capacity of 20 pounds of surplus, covered with a cap. This hive has been in use in this section of the country more than any other. A hive in any form with only this room or a little more, will be very sure, in common seasons and a healthy colony, to cast one, two or three swarms. I think sufficient pains has not been taken to weigh and keep an account of the product of hives of this or any other class, to enable us to do much but to guess at results. Mr. Quimby in the first edition of his work "Mysteries of Bee keeping Explained," estimates their product at one dollar's worth each—this at 20 cents per pound is 5 pounds each. In 1864, I had four colonies in this class of hives. Three of them gave me one swarm each and no surplus. One gave me 12 pounds of surplus and no swarm. This would be 3 pounds to the colony, 3-5 of Mr. Quimby's estimate. In the revised edition of his work, he estimates them at $2.00 worth. This at 20 cents per pound is 10 pounds to the colony. In our comparison in this communication, we will call it ten pounds per hive.

2nd Class—In my experiments commenced in 1860, I constructed hives of 60 or 70 pounds of surplus honey box room, and to 1865 increased in amount of room for surplus until it went perhaps to 120 pounds. I have an account of the product in full in the year 1864. In that year, the year in which my first class of hives gave an average of 3 pounds, 13 colonies in the second class hives 797 pounds of surplus, an average of 61 4-13 pounds; they varied from 37 to 100 pounds. It will be seen the average was more than six times as much as Mr. Quimby's estimates in his second edition, and twelve times as much as his estimate in his first edition. It is twenty times as much as the actual surplus of my four hives of the first class. This hive was patented by me under date of September 2, 1862. In 1866, I built four new hives of 125 pounds surplus box capacity. I use for them movable bars. In 1867, I placed the boxes upon the hive early in the season. The product of two of the colonies was four new swarms, and 203 pounds of surplus; the product of the other two was one 123, the other 174 pounds of surplus. They made 49 pounds more of surplus than they had box room, requiring the removal of nearly half of their boxes when filled and supplying empty ones. Had they had boxes for 200 pounds of surplus each, I think the two would not have swarmed and the three would have given 200 pounds each. I confess this is guess work, and others have the same privilege to guess.

3th Class—I have progressed in my experiments until I have reached hives with 36 boxes of about 200 pounds capacity. Last season I had of a neighbor ten swarms placed in hives of different surplus room; two of them were without Queen and broken up last fall. One was sold in the spring, leaving seven. Two of the seven were so weak in the spring they only reached fair wintering strength. Of the five, one of nearly 200 pounds box room gave 147 pounds of surplus. Of three with 150 pounds box room each, one gave 105, one 97, and one 75 pounds—106 pounds from the four. The fifth hive with less room gave 39 pounds. My hives with large box room gave me an average of 106 pounds; of medium box room of 59 pounds. In order to reach the right result, it should be understood that the field and season was such that 20 colonies within eighty rods of my apiary gave less than 140 pounds surplus in all. Then we may estimate the aggregate surplus of the second class when there is no swarm at 100 pounds; of the the third class at 150 pounds.

First class hives well planed and painted will cost, say $2.00 each, last 10 years. Second class hives well planed and painted will cost $5.00 each, last 10 years. Third class hives well planed and painted will cost, say $7.00, last 10 years.

What will be the actual cost of one ton of surplus honey by each class? And what will be the cost per pound?

1st Class—200 colonies will give, at 10 pounds each, one ton:

200 hives cost	$400 00
200 swarms, at $5 00 each	1,000 00
Outlay for one ton	1,400 00
Interest on outlay at 7 per cent.	$98 00
One-tenth cost of hives	40 00
One-fourth cost of swarms, at $5 00	350 00
Cost of one ton of honey	$488 00

Cost of honey per pound 24 cents and 4 mills.

2nd Class—20 hives will give 2,000 pounds.

Cost of 20 hives, at $5 00 each	$100 00
Cost of 20 swarms, at $5.00 each	100 00
Outlay for one ton of honey	$200 00
Interest on outlay	$14 00
One-tenth of hives	10 00
One-fourth of swarms	25 00
Cost of 2,000 pounds in second class	$49 00

Cost of surplus per pound, second class, 2 cents 4½ mills.

3d Class—13⅓ colonies will give 2,000 pounds.

13⅓ hives will cost, at $7 00 each	$93 33⅓
13⅓ swarms will cost, at $5.00 each	66 66⅔
Outlay for 2,000 pounds of surplus	$160 00
Interest at 7 per cent.	$11 20
One-tenth cost of hives	9 33⅓
One-fourth cost of swarms	16 66⅔
Cost of 2,000 pounds in largest hives	$37 20

Cost per pound, 1 cent 8 6-10 mills.

The boxes in each class of hives for 2000 pounds of honey will be of equal cost, and paid for in the sale of the honey, and need not be reckoned.

Another consideration, a colony of bees during the breeding season and winter will consume 60 pounds of honey; 200 of the first class consume 12,000 pounds—six tons, and give 2,000 pounds—one ton, to their keeper—he gets one-seventh and they consume six-sevenths. 66⅔ colonies of the third class will secure it. They will consume 4,000 pounds—two tons, and give 10,000 pounds—five tons, to the keeper. The keeper gets five-sevenths of the product, instead of one-seventh, and they consume two-sevenths, instead of six-sevenths. 87½ of the second class will secure it. They will consume 5,250 pounds, and give 8,750 pounds to the keeper; between 2 3 and 3-5, instead of one-seventh.

Every Farmer, with little expense and trouble, may have his 150, 200, or 300 pounds surplus for family use.

Albany, N. Y. JASPER HAZEN.

HOME GARDENS.

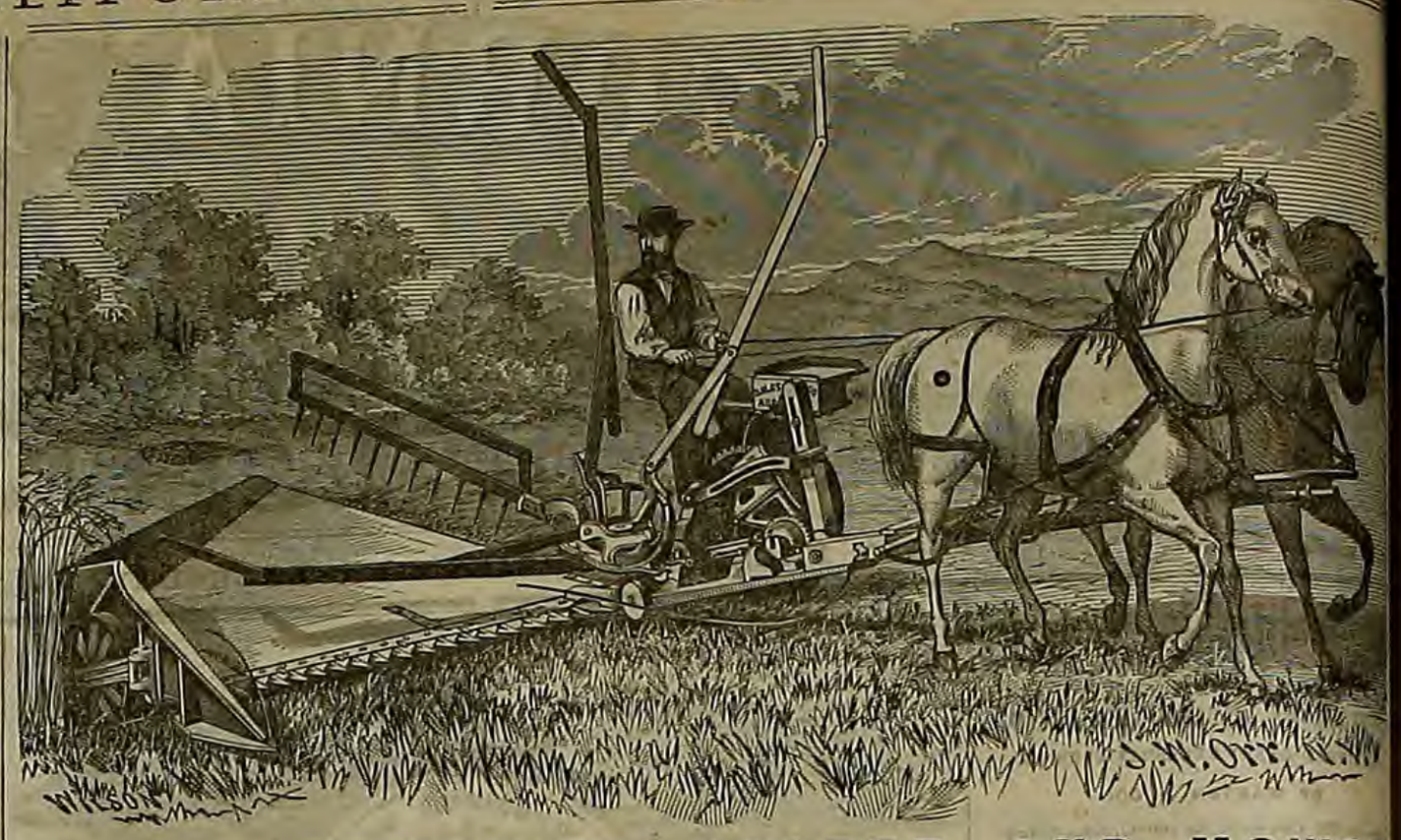
Much or Little.—The agricultural press are stimulating the farmers of the United States to devote more of their garden and land to the culture of small fruits for family purposes. This is right; but we must not forget to give credit to another class of the people of the country, who, though they have but *little* land, still do far more in proportion than those farmers who possess *much*.

We refer to the mechanics. We have often seen a farmer's garden side by that of a mechanic's.—The former was larger than the latter, but somehow as one looked at it, there appeared a great want, hard to describe—the general appearance was bare and plain.

In the mechanic's garden, one could not help being pleased with the disposition to convert every inch of available space into an opportunity for *use* or *profit*. Currants, gooseberries, strawberries, blackberries, raspberries, each had a row, in addition to the space necessary for vegetables; while in the corner or on the edge of one of the borders, a pear tree or a plum tree hung over.—Even room was found close to the path for some choice flowers and climbers and shrubs. A little garden like this is a perfect delight to one whose ears are tired with the dull monotonous roar of a manufactory ten long hours every day; and the charm not only of novelty but of contrast helps the poor mechanic, and stimulates him to produce results from his little garden which a sturdy farmer of a hundred acres can never bear compasison with.

[Such are the words of the Editor of the *Horticulturist*. He sees with the eye which values "Home" improvements, and *we* too often see the "Farmer's Home" neglected, when he has plenty of time to improve, while the *Mechanic* makes valuable improvements, by early and late hours pleasure in his "Home Garden," showing him to be a True Artist.—Ed. Farmer.]

Cattle Feed.—From every source we have constant information of the excellence of Oil Cake Meal as feed. We have met hundreds of our Stock Men and Dairymen who have used this food; all who speak of its excellence above all other kinds of food, and cheaper too than any other food known.



KIRBY'S COMBINED REAPER AND MOWER,
WITH COMBINED SELF-RAKE AND REEL
TWO COMBINATIONS IN ONE MACHINE!

This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good Mowers, others very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose. The

"MONITOR"

Self Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.

It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers on the Pacific Coast, who are successfully using them this year, can testify.

The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.

We shall keep a large supply of EXTRAS of all kinds on hand.

The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest burden. In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self Rake on it, than it is to carry a man to rake off, and the grain are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain.

By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle which operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform, when the Rake, of its own accord, will sweep it off.

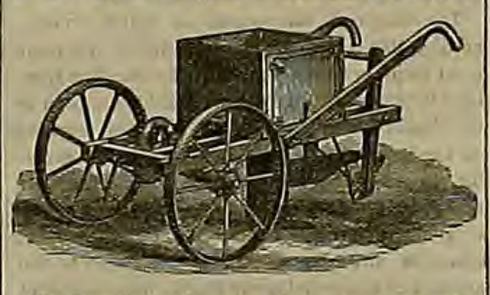
This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the other in the axle plate, where the joint or independent action is obtained.

This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.

TREADWELL & CO.,
Sole Agents for the Pacific Coast.

30-22—no1

TRUE'S
IMPROVED
POTATO PLANTER.



This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed.

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the Potato Planter from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it.

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,
(Successors to L. B. Benchley & Co.)
No. 3 and 5 Front street near Market,
SAN FRANCISCO,
IMPORTERS
—AND—
JOBBERS
OF
AMERICAN, ENGLISH AND GERMAN
HARDWARE & CUTLERY,
Agricultural and Mining Tools,
ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the
GERRISH
Submerged and Double Acting
FORCE PUMPS.
Patented by J. A. Morrell, October 29th, 1867.
THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.
Agents wanted for this Coast. County Rights for sale.
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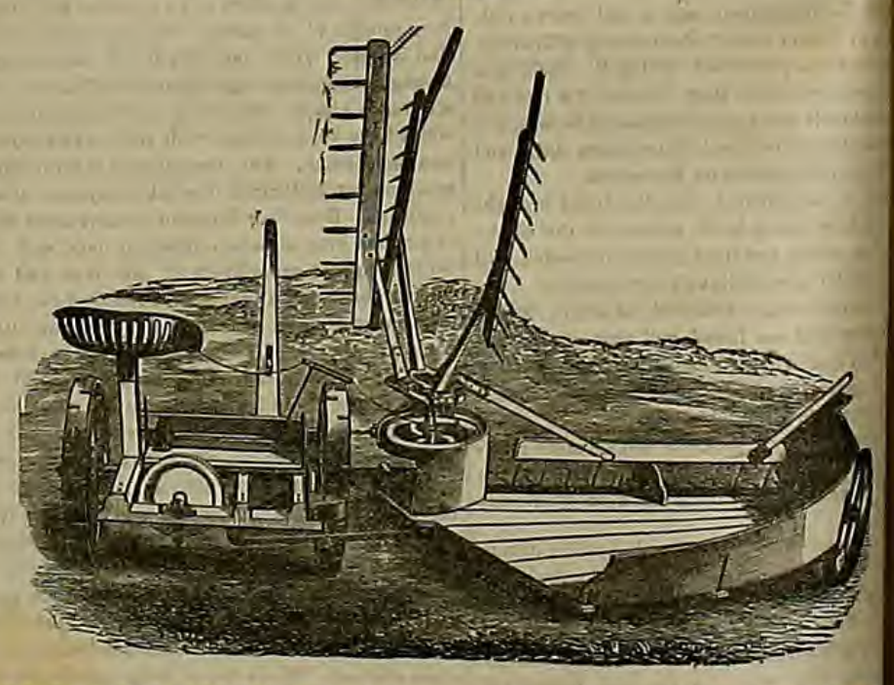
M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK.
SAN FRANCISCO
PORTLAND.



THE BUCKEYE IS THE BEST MOWER
The Buckeye is the Best Reaper.
THE BUCKEYE IS THE BEST SELF-RAKING REAPER

MARCUS C. HAWLEY & CO.
108 & 110 Front St., San Francisco,
SOLE AGENS FOR THE
BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing it are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S
CELEBRATED SWEEPSTAKES THRASHER
ALSO, THE GENUINE
HAINES' HEADER,
Manufactured at Pekin, Illinois. Also
Hollingworth's Wheel Horse Rake
The most Improved Rake in use.
M'CORMICK'S HAND AND SELF-RAKING REAPERS,
And a COMPLETE STOCK of
Agricultural Implements and Hardware.
MARCUS C. HAWLEY & CO.
31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Horticulture.

A LESSON FOR FRUIT GROWERS.

Common Sense.—President Hammond of the Warsaw Horticultural Society, in his last annual address, December 30, 1868, conveys in a few plain words some sound practical wisdom, worth the attention of beginners in fruit culture. "It is a very prevalent idea that it is the easiest thing in the world to manage a farm or fruit plantation; while it really requires more brains to become a first-class farmer or horticulturist than to become a successful merchant, banker, or artisan. An ignorant, blundering man, may occasionally produce a crop of corn or wheat; but in these days of innumerable insects and diseases, he cannot succeed in profitably growing fruit. Insect enemies will come upon him like the plagues of Egypt; the locusts and grasshoppers strip the trees perhaps of their foliage. The curculio will constantly renew its attacks; the birds will appropriate the cherries and early berries.

But the man who would become a fruit-grower, and has not sufficient energy to boldly meet and finally overcome all these obstacles, has mistaken his calling, and had better turn his attention to some other pursuit.

Perhaps a word in regard to the profits of fruit culture may not be out of place at this time. Will it pay, is a question often put to the practical fruit-grower. Can I enjoy the poetry and pleasure the business affords, and at the same time make it pecuniarily profitable? We answer, yes. Still it is our duty to warn the novice of the difficulties he may expect to encounter—for in common with other avocations it has its perplexities. A few years ago a grape mania swept over the country, and hundreds of vineyards were planted in our own country. What is the result? Some were planted on uncongenial soil, others with tender or unhealthy varieties, while others have suffered from mismanagement, so that all have not proved a success; yet most of them are yielding their owners a fair profit.

A year or two later every body was planting pears, and many of our fruit-growers predicted that the market would soon be glutted, and prices ominously low. But we have seen that three-fourths of the trees planted have failed entirely, and one-half of the remaining fourth are in an unhealthy condition. In view of these facts—is pear culture profitable? Certainly it is, to those that possess the requisite skill to make it a success.

He who would succeed as a horticulturist must be in love with his profession; he must adopt it as his business, and identify it with his life. He must be a close observer, possess an indomitable will, and a large amount of patience and perseverance. He must be a man who has learned to labor and to wait. Not to labor for a season—to plant an orchard or vineyard, and then sit down and wait with folded hands, expecting, without further effort, to gain Pomona's fairest treasures. But to labor constantly and earnestly, in season and out of season, firmly believing that the reward will surely come."—*Horticulturist.*

ADULTERATED WINES.

[We find the following Letter from Ferdinand Meisler in *Colman's Rural World*, upon the adulteration of wines in the noted wine district of Herman, Mo., and we presume from Missouri to California, in every wine district, the same evil exists of *adulterated wines.*

What shall be done to stay this evil? Will Legislation stop it? No, for so long as men love wine they will drink it, and so long as men can *make money* by *vile compounds*, calling it wine, it will be thrust on the market, and *corner groceries* and *dark cellars*, and sly groggeries will sell it.

There is but one way to stop it. Make the license to sell it so high, as to drive low groggeries out of existence, and then let the *original wine makers* have their *private trade mark*, and when these are violated, make the violator pay the penalty, and be sure their own wine is pure and good. —Ed. Farmer.]

Gallized Wine.—This is an important subject, in which all are interested. I have seen the day, in Herman, Mo., when very good wine indeed was made from the pure juice of grapes, without the use of a cistern and a barrel of sugar. It is strange that it is almost impossible, at present, to get a drink, or to purchase a quantity of wine, which is not more or less adulterated; but the reason is, that Mr. S—, and several other leading wine manufacturers have discovered a plan of making wine(?) almost without the use of grapes. Herman has proved its locality to be one of the best for raising grapes and fruits, and in order to keep up its reputation, *Gallized wine*, to such an extent, ought to be done away with. In some seasons, certain grapes will not come to their full maturity, especially the Catawba, when a little assistance of sugar will be of benefit; but, it ought not come up to the point of a drug. Mixing grapes will do no harm; this is often done in order to give a different flavor and color. If the Legislature of Missouri once gets tired of making use of such an article as *Gallized wine*, I judge they will then pass an act to tax Gallized wine to such an extent that it will enable the pure juice of grapes to prosper, which at present has the Gallized wine to contend with—because this drug can be sold at lower rates and yet realize 80 per cent profit. It is forced into market by wholesale; besides, large inducements are granted to commission merchants, by whom this Gallized wine is sold at any price which it will bring. The prices paid for good wine, should induce many vineyards to be planted for some time to come, and we need not resort to the manufacture of sugar and watered wines.

Miscellaneous.

J. de Barth Shorb. Carlton Curtis.

B. D. WILSON & CO.,

Wine and Commission Merchants,

Nos. 423 and 425 Jackson Street,

SAN FRANCISCO.

J. M. CURTIS, Manager.

B. D. Wilson & Co. T. H. Morrow.

A. L. Chamberlin.

Wilson, Morrow & Chamberlin,

Wine and Commission Merchants

NEW YORK.

Our New York House, under the name of

WILSON, MORROW & CHAMBERLIN,

will open in New York City about the first of November next, and will have the exclusive agency of our

WINES AND LIQUORS

In all the States east of the Rocky Mountains. We are prepared to do a General Commission business in New York, which will be under the management of

Messrs. MORROW & CHAMBERLIN,

whose business capacity, well known to the Merchants of San Francisco and the Interior, is sufficient guarantee that all business intrusted to them, whether of buying or selling, will be promptly and efficiently executed. We will make liberal Cash Advances on Merchandise consigned to

MESSRS. WILSON, MORROW & CHAMBERLIN,

and forward the same free of Commission when shipped from San Francisco

WILSON, MORROW & CHAMBERLIN

will forward Consignments to us in San Francisco, free of Commission, and make advances there if required.—Eastern orders for Wheat, Flour, etc., will be filled by us at lowest market rates.

We desire to call the attention of Wine Consumers to our

LAKE VINEYARD AND MOUND VINEYARD

WINES AND BRANDIES.

These Wines have already acquired reputation in the principle markets of the world, and in California are acknowledged to be superior to the productions of any other Vineyards. As many Dealers here and at the East have used our name to facilitate the sale of Spurious Wines, we have deemed it necessary for our own protection to place our Trade Mark on every package or case that goes out of our hands. You will please observe that no Wines purporting to be ours are genuine unless they bear on the package the Trade Mark at the head of this sheet. 30-12.

100,000 Copies Sold of the Jubilate.

A COLLECTION OF

SACRED MUSIC

For Choirs, Singing Schools, Musical Conventions, etc, by L. O Emerson, Author of the "Golden Wreath," "Merry Chimes," &c, is

The Best Book for Choirs.
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The Best for Families.
The Best Book for all Singers.

Suited to all Denominations—All Occasions—All Capacities.

IN ITS SINGING SCHOOL EXERCISES.
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IN ITS CHANTS AND SELECTIONS.
IN ITS VARIETY OF HYMN TUNES.

Also by the same Author and designed for the same uses,

THE HARP OF JUDAH.

Of this 125,000 Copies have already been sold.

Price of each $1 38 Sent post paid. A liberal discount made to Choirs and dealers.

OLIVER DITSON & Co., 277 Washington street, Boston.

CHAS. H. DITSON & Co., 711 Broadway, New York.

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcemen', "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the Farmer Office.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867 &

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES.

ISIDOR LANDSBERGER,

30-12. 423 *Jackson Street.*

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as product of the extensive Orchards, should pay the purcha e money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31-4 EDITOR FARMER.

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY

State Agricultural Society, 1867,

TO THE

Natoma Vineyards

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-2

VALUABLE PLANTS FOR SALE

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

WARREN & CO.,
Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the

FARMER OFFICE.

New Advertisements.

IT DON'T SCRATCH YOU,

Or Tear Your Clothes.

DAVISON'S Thornless Black Cap Raspberry is the best, as it is hardy, productive, early, and sweet, and it is a pleasure to cultivate it. For origin description, prices, testimonials, etc., address WARREN & Co.,
Farmer Office

Having been appointed Agent for the sale of this new and valuable Raspberry, and having received the history and particulars of its merit, we are now prepared to Book orders for the Plants, which will arrive here at an early season this Autumn.

We give the following testimonials of its excellence:

Thornless Raspberries.—The Raspberry season has come, and now is the time to examine and take notes of the different varieties, which is the earliest, the most productive and the best.

The Thornless raspberry has excited much attention lately, especially on account of its freedom from thorns, so that the fruit can be picked without lacerating the most delicate skin, or tearing the clothes, and it has been said to be fully equal to the Doolittle black cap in every respect; the stalk even larger and stronger, the berry full as large and luscious, and the season four or five days earlier.

I have them now in full fruitage, and the bush is a joy to look at, so densely covered with its beautiful fruit, and I feel that the half its virtues have not been told; and I wish the opinions of others on the vine whilst it is in bearing; for which purpose I will invite all who feel an interest to call at my place at once and see it.

I picked the first ripe berries the 22d of June. The 27th I picked one pint from two hills. The 18th I picked some over a pint from the same hills, and they are still full of fruit, and are vines only one year old.

Vineland, N. Y., June 30th, 1868. John Gage

From the American Horticultural Annual, for 1868 page 102:

"Davison's Thornless.—This has done very well the past season, and fully confirms our former good opinion of it. It is probably not quite so rampant, grower as the Doolittle or the Miami, but still it is good grower and very prolific. Fruit is of quite large size, averaging about as shown in the figure; very sweet and several days earlier than the older varieties. It has no thorns upon the stems, as its name indicates, and in this respect, at least, it is a decided improvement."

These plants are direct from Mr. Joseph Sinton, of Angola, Erie Co., N. Y., and are propagated from tips, making good, stocky plants, and well-rooted.

From the Erie Dispatch, New York:

We were shown a day or two since some splendid specimens of what was a curiosity to us till then, the thornless black raspberry. They were brought into our office by Mr. John Dodge, of Harborcreek, who also showed us the bush on which they grew. In taste and quality they are far superior to the common black raspberry. They were raised by Joseph Sinton, of Angola, N. Y. The first plant of this kind sprank up in a garden in the town of Gowanda, N. Y., six or seven years ago, where it still remains, thrifty and large as ever, notwithstanding the numerous slips that have been cut from it.

Orders should be left at our office early to secure this new and valuable variety. WARREN & Co.
Farmer Office 320 Clay street, San Francis

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term,

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

VICK'S

Floral Guide for 1869.

The first edition of *One Hundred Thousand of Vick's Illustrated Catalogue of Seeds and Guide in the Flower Garden* is now published. It makes a work of 100 pages, beautifully illustrated, with about 150 Fine Wood Engravings of Flowers and Vegetables, and an

ELEGANT COLORED PLATE,

A BOUQUET OF FLOWERS.

It is the most beautiful, as well as the most instructive Floral Guide published, giving plain and thorough directions for the

CULTURE OF FLOWERS AND VEGETABLES

The Floral Guide is published for the benefit of my customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for Ten Cents, which is not half the cost. Address

30-22-4t JAMES VICK, Rochester, N. Y.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer."

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the Farmer's circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves, we shall be ready to fully remunerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
Farmer Office, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

Is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....APRIL 29, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Special Notices.

OUR NEXT NUMBER.

Agreeable to our custom of observing "*Fast Day week*," or "*May Day week*," as our Chief Magistrate *did not* appoint any time of *Fasting and Prayer* this year!

We Resolve, No. 1. That as "May Day" week will become a *Grand Gala* week in a *Double sense*, by reason of the *Completion* of the *Pacific Railroad*.

We Resolve No. 2. That it is fitting and proper that we should have our *Rest week*, on the occasion of so grand and eventful a period, and so great an Epoch in the History of our State and the World. We desire to have time to attend at Sacramento and witness the Ceremonies ourselves, and gather all the incidents connected with the occasion, and Report the most important ones for the Farmer, and we desire also that those in our employ should do the same. Therefore, as we are *entitled to our Festival week*, we shall try and doubly improve it on this occasion, seeking information as well as rest.

Our next issue therefore will be the *Thirteenth day* of May, when we shall issue a Large Extra Edition of the Farmer, with valuable Reports and Important matter.

Advertisers will do well to remember that number and secure a place in it.

THE GOODRICH AND ROSE POTATOES.

We take a couple of paragraphs from the letter of a Subscriber, who had ordered some Early Rose for the mountains of Eldorado County, and to whom we had expressed Books, Seeds, etc.

We are glad to hear of the success of the "Good rich" there; we know them to be indeed *Early, Good and Rich*, hence the name is very appropriate, *Early Goodrich*.

Think of it Farmers! *New Potatoes in Eight weeks from Seed.*

Now try the *Rose* friend G., and you will see that you never had Potatoes that *Rose* quicker in your favor than the seed sent.

Thanks for your kind intentions for *Farmer* and to us personally, and wishing you all success in Agricultural enterprizes, and hope to meet you at the coming Grand Celebration at Sacramento soon.

EL DORADO, April 30, 1869.

COL. WARREN, *Dear Sir:*

I heartily thank you for Books, Papers, Potatoes and Seeds. I hope to be able to make a satisfactory report, and return for the *papers* some good *paying subscribers*—Potatoes and Seeds a report of fruitful yield.

From the Goodrich (seed purchased from you one year ago,) I now have new Potatoes, planted on 20th of February. Potatoes in eight weeks from planting is pretty good I think, and the *Early Rose* will have to "*Rise*" very *Early* indeed to beat it. Everything looks lively and promising here—Fruits, Grapes, etc.

Will write you soon and give you some items, perhaps worthy of a place in your Journal.

Hastily but respectfully, and truly yours,

N. G.

THE GREAT MAP.

We call especial attention to the *Advertisement* of J. T. Lloyd, Esq. of New York, of his New Map of *America* and *Europe*.

This is one of the most important Maps ever yet published, and very soon we shall show them at our Reading Room. Everybody should have one.

State Teachers' Institute.

The State Teachers' Institute will convene in San Francisco, on Tuesday, May 4th, at Lincoln Hall.

It is expected that there will be a general attendance of Teachers, from all parts of the State.

The session will last four days.

O. P. FITZGERALD.

MAY DAY.

"Wake and call me early Mother, Dear,
For I am to be Queen of the May."

In the New England States and especially the milder portion of them, May Day" is one of the Festal Days" that is universally observed.

May Day, is the Gala day of Spring time, it is then the Birds begin to sing, and the Flowers to bloom, and it is then everybody goes forth early at morning to gather flowers, the whole world goes a "Maying" Sabbath Schools, Picnic Parties and Family parties, wander forth at early dawn and the great aim is, who shall find the *first* flowers, and who shall gather the richest and the best—while at the Public gatherings the great desire among the fair young Misses, ever is, who shall be Queen of the May.

This is the honor most to be desried and happy is that heart that bears off the coveted Wreath of the May Queen.

With us in California living as we do in a land of *perpetual flowers* we do not feel the need of May Day—yet we are happy to know there will be those who will observe this Notable day, for it is indeed worthy to be kept, for the Love of Flowers will always make the heart purer, better and happier.

Saturday next will be our May Day, and great preparations is being made to observe it universally.

We shall take pleasure in Reporting some of the Happy Festivals.

OUR ILLUSTRATION.

FIONEER AGRICULTURAL ENTERPRIZES.

Webster Brothers, Stockton.

On our Front page we give an Illustration of American Genius, Enterprize, and Industry, embracing Agriculture, Manufactures, and Commerce with the National Coat of Arms.

These three interests form the Triune of the Prosperity of these United States, and we can with Truth claim by the Statistical Tables of the Nation, that the Agricultural Interests and Products are greater than all other interests combined; for without *Agriculture*, orr Manufactories would stop, and our Ships rot at the wharves.

Without any undue egotism, we can claim for California the most rapid and successful, and the most prosperous advance in Agricultural wealth the world has ever known, and as our State has developed this wealth, our Farmers have desired, sought for, Invented, or procured the most valuable Implements for their business, without regard to their cost, being determined to use only the very best, and those that combined all the very latest Improvements.

As a Journalist of over *Fifteen Years*, and the *only Agricultural* Journal on this Coast that is permanently established, we have watched this steady, progressive spirit of our Farmers, and have felt that it must lead them on to great Prosperity.

Without therefore any disparagement to any other section of our State, we have noticed how rapidly the great County of San Joaquin has been developing its vast Agricultural resources, which has placed her in the front rank of wealthy Counties.

Without any discredit also to other large Agricultural Warehouses on our Coast, we have seen with pleasure and satisfaction also, the wonderful energy and foresight evinced and displayed by the House of

WEBSTER BROS., STOCKTON

Who have seemed to us to be Electrified with the true spirit of Progress, and determined to meet the wants of the Farmers of that great region of Country and all its surroundings, and who under this spirit of progress, have stopped at no labor trouble, or cost, but have marched on to secure, every New and Valuable Implement known, and place them before the Farmers of California, and thus make our words true that

CALIFORNIA BEATS THE WORLD.

We now call special attention to the important and valuable article, which we copy from the Boston *Commercial Bulletin* of March 27:

It will be seen by the article we now publish, that *All These New Implements* have been secured by the House of Webster Bros. of Stockton, and the Great, Grand Implement of all,

THE LOCOMOTIVE THRESHING ENGINE

Is the production of our citizen, Baxter of Stockton, who has just returned from the East, and is now waiting the Arrival of this

AGRICULTURAL WONDER

Which will be here in a few weeks, when a Public Exhibition will be made of it at Stockton, due notice of which will be given.

We are free to say that when it shall be seen moving in the streets, it will be an Epoch in the History of Stockton.

The Exhibition of this Wonder at Worcester, Mass., drew large numbers of Farmers from all parts of New England, who pronounced it one of the *Wonders of the Age*.

Mr. Baxter may well be proud of his Invention, and Mess. Webster Bros. deserve well of the Public for their great enterprize.

Mr. Baxter will always be found at the Warehouse of Webster Bros., for information and consultation.

Complimentary for the Celebration.—We acknowledge an Invitation from the Grand Marshal of the Railroad Celebration, to act as *Aid* on this great day. Shall be most happy to do so if health will permit.

CENTRAL PACIFIC RAILROAD.

THE GRAND CELEBRATION.

The Grand Celebration will probably take place the coming week, or near the 10th of May. The *Central* Pacific stand ready at a moments notice. They have won their Goal, have Triumphed, and this week will reach Promontory Point, the place of the Grand Junction.

Due notice will be given of the day.

The Celebration will be a most Grand Affair, and will be under the charge of Gen. Josiah Howell, an accomplished Officer, and the best selection that could be made for a *Chief Marshal*.

THE GREAT DAY'S WORK.

April 28, 1869.

This day should be marked in the History of Railroad building in *Red Letters*, and transmitted down to posterity as a day when on the Central Pacific Railroad TEN MILES and six-tenths of a mile was completed.

Is not this Progress?

How few persons can realize this stupendous labor, to accomplish which, the following material was used:

31,500 ties, 4,037 rails, which weighed 2,268,000 pounds or 1,134 tuns, 8,140 fish bars—the straps that hold the rails together, 16,280 bolts to hold these straps, these required 120,600 spikes to fasten the rails to the sleepers.

To accomplish this mighty work, it took *ninety, six horse teams*, to carry sleepers forward, the rails were laid one after the other, and such a scene of busy labor was never seen on a Railroad before in this world, and possibly never will be undertaken again. This was the closing work of this Grand Enterprize, and none but such men as Stanfords, the Crockers, Hopkins, and Huntingtons, could have conceived and carried forward, and so Triumphantly Completed their Herculean Task.

ALL HONOR TO SUCH MEN.

CENTRAL PACIFIC RAILROAD BONDS.

Those who remember the day when the people of Sacramento and some few from abroad, were assembled to witness the lifting of the *first* shovel full of earth, can also remember the many remarks that were made on that occasion——some like the following:

The road will never be built!
They will stick at "Dutch Flat"!
Where will the money come from!
What a swindle of Uncle Sam!
Who the wants stock?

These and a hundred others similar remarks, together with many a sneer and numerous ironical smiles at the undertaking formed a part of the the history of the day when *the first earth* was broken on the Central Pacific RailRoad at Sacramento!

What became of the *shovel* that lifted that *first earth* has been an important inquiry of late, now that Triumph has completed that great work.

That Shovel, was for the moment carelessly throw aside, but there was *one person* who could look into the distant future who believed that it was worthy of preservation and it was saved.—and will bear a conspicuous part in the coming *Celebration*, and we do not think *One Thousand Dollars* could buy that shovel

But to the Bonds, when the Bonds of the Central Pacific RailRoad were the first put upon the market they were met almost with ridicule, and by Californians too—Men who since have grown rich by the trade which this road has given to our State sneered at them, and there influence was felt in New York; but thanks to that noble indomnitable spirit which no defeat could kill, the Manager *did make them tell* and gave them a name and a standing not only in New York but in all the Money Marts of Europe, until they were sought for and ranked as high as the Bonds of the United State Government.——

Where are these Bonds now?

No Central Pacific RailRoad Bonds for sale!

The certainty of success established beyond controversy, caused these Bonds to be all withdrawn from the market several months since, the success of the road giving assurance that they are worth a handsome Premium.

That this is a truth the Eastern Journals and European Journals assert it to be so by copious Editorials, we need give only a brief one from one the best Journals published—as follow:

—The Pacific Railroad is pre eminently an American institution, and closely allied to the Government, which fostered its beginnings. In consequence of this intimacy, the faith of the one is almost the reciprocal of the faith of the other.—Their securities are pulses for each other. When, then, we read of the wholesale disposition of Pacific Railroad bonds in foreign markets we are gratified, for it is but an exhibition of confidence in the higher securities of the Government.

PLANT THE NEW POTATOES.

The remarkably moist season and the continuance of the rains will give to all who desire to secure the *New Kind of Potatoes*, to plant during all this month, and in some places even during the entire month of May.

We would particularly urge upon all who may plant the "Early Rose," the "Goodrich," the "Harrison," the "Chili," and others, to be careful and save all their *Seed-Balls*, from which they can spring new and valuable varieties, that being raised from *Seed*, are indeed NEW CALIFORNIA POTATOES.

As a matter of business and pecuniary gain, it is very certain that those who shall raise the 'Early Rose," and the "Goodrich," will receive a very handsome recompense, as the product of both these varieties are very great, and both will be in great demand another year. We can therefore recommend these kinds as a good, perhaps the best investment that can be made, even better than Mining Stocks.

"He that by the Plow would thrive,
Himself must either *Hold* or *Drive*."

Farmers must *Think, Read*, and *Study* well,
If they do this, *every blow will tell.*

DO YOU TAKE THE FARMER?

READER,

Do you take the Farmer?

If you are a cultivator of the soil, and do not take the Farmer, please send us a *little note* and tell us why!

Look over this number please, and see if you should receive a number like this *every week* for one year, don't you think you be the gainer of much more than the cost of the subscription price?

Now Reader!

Although you may think *we* are most interested in this matter and are only looking for *subscribers*, we tell you plainly, you are a *greater loser* by *not* having this paper regularly, than *we* should be a *gainer* by your subscription.

We *know* what we say, for we can live *without* your subscription, and not feel the want of it.—But *not* so with you, for there is not a single week that passes away but what the pages of our Journal contains some valuable and important information that would advance *your own interest* more than the *cost of the paper for a whole year.*

Every week, some practical result of labor, in the *Grain field*, in the *Orchard*, in the *Vineyard*, in the *Garden*, the history of some new *Seeds, Trees, Plants, etc.*—some *new* Invention, a new Implement, and its uses.

And thus for a whole year, a series of valuable matter, worthy a due consideration, and thus *Fifty chances* for Prizes, that all go to show you that

"KNOWLEDGE IS POWER."

Reader, are we not correct in our illustration? Shall we not hear from you?

(EDITOR.)

SHIPPING FRUIT TO NEW YORK.

We have had many letters recently from growers, who write us to learn relative to this subject, *i. e.* to learn about the NEW ROUTE that so soon offers a safe, easy and speedy conveyance of Fruit to the great markets of the Eastern States, to Boston, New York, and Philadelphia.

Among the many we have received lately, we take some extracts from the Private Letter of one of the largest and most successful Fruit growers in our State, as most appropriate *now* at this particular time, when the Grand Enterprize, the completion of the Pacific Railroad, is to be the subject of one of the Grandest Celebrations ever taken place probably in the world.

We give the following very agreeable and happy introduction to a business letter:

* * * * * *

April 18, 1869.

The earth is bursting with fatness; the trees will soon be groaning under the burden of their luscious fruits. It appears as if all nature combines to festoon the earth for the completion of the Grand Railroad, and honor the visitors across the plains, who shall see the earth clad in its most gorgeous robes.

* * * * * *

But setting Poetry at rest, Col., we should prepare in time to find means how to exchange our productions in the Fruit line.

Have you any intimation of the probable schedule of *freight prices* on the Railroad, through to New York, and other intermediate places.

Please let me hear from you at your earliest convenience.

S.

REPLY.

Yes, we have not only an intimation what the *Freight of Fruit* will be on the Railroad to the Eastern Markets, but we have a strong and positive assurance from the Managers of the Central Pacific Road at Sacramento, that *they*, so far as their influence and interest goes, will do all in their power *to aid the producers in this State* in finding a ready and profitable market for their products in the cities of Chicago, Boston, and New York.

Having had several conferences with the Managers of the Central Pacific, we learn from them, that one of their Board, now in New York, will hold a conference with the managers of the other lines (for all should remember that there are four other lines besides the "Central," which have to unite to make a scale of prices through,) and at an early day the prices will be known. As far as can be estimated now, the freight of Fruit and perishable products, through by quick trains, say six days, will be about $100 per Ton, and it will be made $80 if possible.

One thing we do know, the Managers of the Central Pacific Railroad will do all in their power to facilitate and aid the *Producers* of California in this matter, even to the carrying their products at the mere cost of running their freight cars; and our Farmers and producers generally will soon learn that this great road will prove a great Blessing to them in making sales of Millions of their products annually.

As a matter of Justice they should be grateful to the able Managers of the Central Pacific Railroad for this outlet for their produce, which will prove of priceless benefit to them.

Vain inclinations—The shiftings of the weathercock.

The best part of many persons' poetry—The refrain.

A shade of difference—The ghost of one's former self.

Acknowledgements.

Articles Received at the California Farmer Editorial Rooms, No. 320 Clay Street.

Books Received.—We have received from the Author, a recent new Book, bearing the title of "*Made.*" This is a valuable Book, full of practical truths, deserving an elaborate notice. This we shall endeavor to do at an early day, and extract from its pages freely. Thanks to our esteemed friend and valued correspondent of early days.

Sermons by Rev. Charles Wadsworth, D. D.—This is a Book that will do good to every reader. The book is full of good thoughts, and good counsel. These are embraced in "Select Sermons," appropriate to all men, and embracing subjects worthy of every man's deep consideration. We most cheerfully commend this book to our readers.

Published and for sale by A. Roman & Co.

How to Read Character.—This is one of the publications of the well known Phrenologist, S. R. Wells of New York, a new Illustrated Edition Book of Phrenology and Physiology, with descriptive Charts. This is a most interesting book, and will be of real advantage to Parents.

That it is a *good book*, it is only necessary to say that its principles bear the earnest commendation of that noble advocate of Education, Hon. Horace Mann. For sale by Roman & Co.

Book of Tableaux.—This is a Book for Parlor Amusements, giving designs for a series of splendid and beautiful Tableaux, showing all the arrangements for the same. A really good book for family amusements, one that will be the means of delighting children prefer "Home," to any other place.

This book is by Mrs. Sarah Annie Frost, Ormsby & Fitzgerald, Publishers, and for sale by Roman & Co.

Fair Maid of Perth.—This is one of the Waverly Novels, a new edition, by D. Appleton & Co., for sale by Roman & Co.

Percival Keene.—Another new Novel by "Marryatt," from the House of the Appletons, N. Y. It will be a popular novel. For sale by Roman & Co.

My Ten Rod Farm, or how I became a Farmer, by Mrs. Maria Gilman; Loring, Publishers, Boston, Mass.

This will be found to be a very interesting and profitable book for *woman* to read; it is full of good and pleasant practical truths, sustained by the actual results of woman's labor. There is a large amount of practical experience and practical labor detailed in the sketches, which will be of real service to the reader. We received the book from the Author, for which we return thanks.

Grape Book.—We have received a copy of the Grape Grower's Guide, by J. Keech, of Waterloo, N. Y. This is recommended as a practical work upon the management of the Grape Vine, and it is important for Grape growers to have.

Mother at Home.—Here we have a periodical that touches at the foundation of all good, a very fountain whence springs everything *True, and Beautiful.* The *Mother at Home* is edited by Mrs. Henry Ward Beecher, and published by Hosford & Sons, 56 Cedar Street, N. Y. Every mother should have this monthly.

New Magazine.—We have the *Farmer's Guest*, a new Monthly, published at Richmond, Va., by Bossett French, Esq. We hail such magazines for our Southern States with great pleasure, as an evidence of returning prosperity, and of their being truly alive to *Industrial pursuits*, which will soon make them prosperous, independent, happy, and bring them into a better communion with their brethren of the Northern States.

Deitz's Farm Journal.—We have No. 3 of this Journal. We find it a valuable publication, full of practical truths—a very good Journal for all Farmers. Published by George A. Deitz, Chambersburgh, Penn.

Norfolk Agricultural Society.—We have received of the Transactions of the Norfolk Agricultural Society of Massachusetts, with a most valuable address by Rev. James W. Thompson, D. D., which we shall publish in part or the whole very soon as it contains much that is of universal value. We return thanks for the volume, which we highly esteem.

Government Aid to Railroads.—We have received a Report of the address before the Senate of the U. S., by Hon. M. Stewart, who presented a Report of the Committee of the Senate upon this subject. The Report contains matters of interest which facts we shall soon publish.

We have received from the Agricultural Department at Washington, parcels of the Excelsior Grape, pronounced of very superior order.

We have received from C. Gravert of Pleasant Valley, a Box of very superior Potatoes, one variety from seed, of very superior promise.

One of the kinds sent us is like the blue potato of England, and the seedling is a handsome fellow. We have planted these sent to us, and look for good results. We return thanks to our kind friend for his present.

ASPARAGUS.

Well! will you buy the *White* Asparagus which is absolutely *poisonous*, and of which you can only use *one-fourth* in weight of what you purchase, or will you buy the *natural esculent* that is green, tender, melting and rich, and of which you can use seven-eights of the amount purchased, and in which there is more nourishment and palatable food in *one pound* of the Green Asparagus than in *ten pounds* of the White.

"BLUE" UPON WOOL.—The difficulty of dyeing *permanent* Blue upon Wool has been successfully overcome in England, and *fugitive* Blues are being completely superseded. The patentees are working, night and day, to supply the demand, and are making preparations on such a scale as will permit of its being introduced in America very shortly. In dyeing, this is one of the greatest discoveries of modern days.

MUSIC.

VOCAL CULTURE.

[We select the following excellent essay on Music from the Report of the New England Conservatory of Music. This Report contains many valuable truths.—ED. FARMER.]

Probably no department of musical culture is so much neglected as that which relates to the development and training of the voice,—a subject of great importance, as it teaches the correct use of the respiratory organs, whose improper or insufficient employment injuriously affect the general health, and particularly that of the vocal organs, of which the forcing or straining tends directly to bronchitis, laryngitis inflamed tonsils, the "clergyman's sore throat," so prevalent among speakers, and similar diseases; It is a common opinion that frequent singing, reading aloud, or public speaking is injurious to the voice; but the truth is, that an intelligent and scientific use of the voice is the best way to strengthen the vocal organs' and enable them to resist the deleterious effects of our humid and variable climate. No people in the world can so ill afford to dispense with vocal training as the Americans.

In New England alone, more than twenty-five thousand persons annually die from diseases of the throat and lungs, and nearly as many more in the State of New York, a large portion of whom might have prolonged their lives many years, had they learned in youth the importance of the correct use of the respiratory organs, and to strengthen the vocal organs by judicious daily exercises.

Many voices are seriously injured, many ruined, through the ignorance of persons undertaking to teach vocal training, while they themselves know nothing of the mechanism of the voice, or of its registers or capabilities; It is no unusual thing for us to be requested to receive, as pupils, persons whose voices have been greatly injured, or entirly lost, through forcing, mismanagement, or disease; and though such voices can never fully recover from their injuries, they may, by proper treatment, regain very much of their original sweetness and power;

The practice of singing under a scientific master is calculated to bring about the healthy action and development of muscles which otherwise would have lain dormant; It expands and wonderfully strengthens the lungs, gives a tone to the stomach, and saves the throat from injury in the ordinary use of the voice in speaking or singing, and renders it less susceptible to the changes of temperature, and often prevents consumption by enabling us to avoid all irritation of the mucous membrane, and to establish a healthy action of the respiratory organs. Especial attention to this branch of musical culture is recommended to all the pupils, as its neglect cannot fail to be detrimental not only to their musical progress, but also to their general health,

In reference to singing, considered as musical art. Garcia, the most successful singing master of modern times, who formed such artist as Malibran, Viardot, Pauline, Sontag and Lind, observe as follows:

"Voices in their natural state are generally rough, uneven, undeveloped, often trembling, hollow, and of small extent. A good and persevering system of practice can alone fix the intonation, purify the quality, and perfect the intensity and elasticity of tone. By daily study the asperities and incoherencies of the registers are overcome, and the compass extended, flexibility and agility of of voice are attained—qualities too generally neglected. Not only the intractable organs must be subjected to severe practice, but all those which, hurried on by a dangerous facility, cannot be brought under perfect and regular control of the will; otherwise an apparent, but fallacious suppleness takes the place of distinctness, sustaining power and fullness of tone—that is to say, of all the elements of accent and style'"

The study of singing is also highly important to the pianist, aiding materially in the formation of a graceful and expressive style.

Agents Wanted - - - - - $10 a Day.

TWO $10 MAPS FOR $1.

LLOYD'S

PATENT REVOLVING DOUBLE

MAPS.

Two Continents, America and Europe, and America with the United States portion on an Immense scale.

Colored—in 4000 Counties.

THESE great Maps, now just completed, 64 x 62 inches large, show every place of importance, all Railroads to date, and the latest alterations in the various European States. These Maps are needed in every School and family in the land—they occupy the space of one Map, and by means of the Reverser, either side can be thrown front, and any part brought level to the eye. County Rights and large discount given to good Agents

Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand.

J. T. LLOYD, 23 Cortlandt St, N. Y.

A FINE COUNTRY RESIDENCE

A Farm of 100 acres of good land, well watered and fenced, 3¼ miles from Napa City. On it is a vineyard of 7,000 vines, five hundred being of foreign varieties; an orchard of, between five and six hundred fruit trees; a good new roomy house, tastefully planted about with ornamental trees and shrubs. Also, large barn stable, and other out-houses; with the above will go horses and harness, first-rate farm wagon, saddle and bridle, farming implements, gardening tools, poultry, contents of house, etc. The land, with exception of 15 acres, has not been broken up this season, and has a volunteer crops on it, which will make good hay, and is fine pasture now. If required, a portion of the purchase money could remain on mortgage at a low rate of interest.

PRICE OF ESTATE, $6.000

Persons wishing a very fine Estate, are invited to call on the undersigned, on the Premises, who will show them the Estate.

THOMAS SINCLAIR.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing,' or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

New Advertisements.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds New Brunswick Oats, by Mail, for	1 00
4 Pounds of Swedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
4 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed for	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chamberburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1 50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER OFFICE.

COMMERCIAL

STEAM

Printing House.

The Largest Office in the State.

No. 517 CLAY STREET,

510, 512 & 514

COMMERCIAL ST.

FRANCIS & VALENTINE.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & C.
FARMER OFFICE

THE

EARLY ROSE POTATO.

THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER, a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Seedsman, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato.

WARREN & CO.
Farmer Office.

THE NEW

OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to bevery wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.
Farmer Office.

New Advertisements.

GEO. O. WHITNEY & CO.

PIONEER

FURNITURE

AND

Upholstery Warerooms

MANUFACTURERS

AND

IMPORTERS.

ESTABLISHED 1850.

HAVE RE-OPENED AT THE NEW AND SPACIOUS BUILDIN (S.

No. 319 and 321 PINE STREET,

Where will be fou the most EXTENSIVE AND VARIED ASSORTMENT OF GOODS in the above lines ever before exhibit. the PACIFIC COAST

31-13 1

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO.

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS.

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all the trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER!

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES,

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Old Stand, Cor. of California and Battery Sts., SAN FRANCISCO.

SPENCE & LENDRUM,

ap 7. Agents, San Jose.

TO SHEEP RAISERS.

20, 00 lbs. Tobacco Stems.

Twenty Thousand pounds of Tobacco Stems, American and Havana, FOR THE CURE OF SCAB and other diseases on the Skin of Sheep.

For sale in lots to suit purchasers. Orders from the Country promptly attended to.

Apply at 418 Sacramento Street,

D. NEUBAUER.

A CARD.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The near approach of the completion of that Grandest of all HUMAN ENTERPRISES the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

We therefore invite all such who have valuable IMPLEMENTS, MANUFACTURES, INVENTIONS, BOOKS PAINTINGS, etc. to the Columns of the CALIFORNIA FARMER, will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop'rs.

Home Miscellany.

BLESSINGS IN DISGUISE.

Mine eyes are stiffened with the last nights tears,
And my brow ached too heavily to weep,
Oppress with sorrow past and future fears,
Too weary to awake—to sad to sleep.

With listless hand I drew away the blind
To look where lay the morning dull and gray;
I heard no whisper of the cold night wind,
I saw no gleam to chase the gloom away.

Spread like a morning veil on every hill
Hung cheerless mists, through which the dark dawn crept;
The rain-drops on the trees lay cold and still,
Like Tears of one who in his sleep hath wept.

Sadly, I turned and laid me down again,
Till sorrow's leaden trance my sense did steal,
As those who lulled my very strength of pain
Forget their pain awhile and cease to feel.

So passed the hours away, and I awoke;
But while I slept the world had traveled on—
The damp mist rolled away, the morning broke,
And, pouring radiance forth, uprose the sun.

The purple hills were tinged with living light,
The grass was waving in the morning breeze,
Like sparkling gems the rain-drops of the night
In rainbow showers were glittering from the trees.

Then my heart melted too, and the deep gloom
Passed like a dreary mist away;
The sun shone warm and bright into my room,
And I rose up from my dull trance to pray.

O God, most merciful! 'tis ever so;
While thankless men feels but the present pain,
And lies steeped in the weariness of woe,
Thy step is drawing near to heal again,

Then teach us, Lord, to bow beneath the rod,
Even for the chastisement to love Thee more;
To trust the mercy of the loving God,
And in the very blow His hand adore.

So shall we walk through our life's chequered way,
Safe from its noontide heat, its evening blight,
Till the last hour of gloom shall pass away,
And leave us to awake in endless light.

OUR LADY CORRESPONDENT FROM PENN.

LETTER NUMBER ONE.

GREEN TREE, PENN., February 24, 1869.

Dear Col.:

I trust that you will be glad to know that I am still extant.

There! my letter is fairly launched at last; my two great difficulties in letter-writing are starting and stopping.

I am in receipt of three *California Farmers*, bearing dates of Dec. 17th, Dec. 24th, and Jan. 7th—many thanks for the same.

I was very much amused at your receipt for small-pox. You are right; fight tobacco tooth and nail, and I, and all other women (the man of the *Overland* to the contrary notwithstanding,) will bid you "God Speed."

I am so sorry that the *Overland* is not sound on the tobacco question, for I have quite fallen in love with it; it is a charming magazine.

Some of us think a successful rival of *Putnam* and the *Atlantic*; what more can be said?

I have two numbers—those of November and January.

The poems in the November number are beautiful; "When the grass shall cover me," haunts me like the refrain of some old song.

"The Outcasts of Poker Flat," is a striking sketch—sketch did I say? sermon rather, whose text is, "there is something good in every heart."

How I envy editors in that matter of books and magazines, and how often I have wondered what they do with the mountains of them that must gather from time to time on "Our Book Table."

I suspect they send them to auction—am I right? or must I guess again?

There are so many really good magazines now, that it is difficult to choose, when restricted to one.

Have you read Richard Grant White's "Words and their Uses," in the *Galaxy*?

Those articles alone are worth the price of the magazine many times over. I live in the hope of one day seeing them collected in a book.

But one must live in a land where Winter holds sway for a good part of the year, to be able to truly appreciate books.

In your genial clime you are not so dependent on them for solace and recreation; the book of Flora lies open to you most days in the year.

We have a weary waiting for the first pale heralds of the Spring.

I have secured my flower seeds and am longing for the time to come for planting; to day that time seems far distant; the ground is a perfect glare of ice; the wind is as sharp as a razor; I am writing within three feet of a good soft-coal fire, yet am obliged to lay down my pen every ten minuets or so, and thaw out my stiffened fingers.

While you most likely are wandering through orange groves, or sitting under a literal fig-tree, luxuriating on strawberries and cream.

I cannot comprehend what your climate is really like—now, for instance, on this day of February 24th, is it Spring, Summer, Winter or Autumn?

Strawberries and cream on Christmas, puts a Pennsylvanian out of all reckoning. After that, it would seem quite in keeping to celebrate the Fourth of July by indulging in a jolly sleigh-ride, or a masquerade on the ice. "Carrie's" strawberry doings quite throw me in the shade. I wonder if she ever saw a strawberry grub?

But me, I must not get on that subject; time and space forbid; what I must do is to sign myself yours truly,

JENNY DARE.

REPLY.

Well, Jenny Dear, now tell me in the first place, is it very material whether I say Jenny Dare, or Jenny Dear—it is only *transposing* the letters. I shall let it go as I have written it, for a good correspondent is always *Dear* to us.

We are glad indeed to hear from our correspondent again, and we know her many friends here who always read her letters with pleasure are glad also.

We are glad you like our *Overland* monthly—we know you can't help it, it is so good, and it has *originals* that are "Gems," as we said last week, the *Overland* and the *Atlantic* are like two race horses, each contending for the victory.

You envy us our Book Table do you; come over and make our Sanctum a visit, and you may have the Review of more than *Five Hundred* Books, Magazines, Pamphlets, and papers, *every month*—but they never go to *auction*. We keep the choice ones for reference always, and this gives us a grand library.

"Words and their uses," in the *Galaxy*, is one of the Jewels that we come across in life's pathway.

But, come over from your glacier coated land to where Flowers perpetual bloom, and strawberries and cream can be had all the year round. Our markets are now supplied daily with many Tons of delicious Strawberries, and sell at 18 to 20 cents per pound at wholesale. Would you know our climate? come and see, come and enjoy; next month only, *one week's* ride in the *Railway Cars*.—Then, if you wish, we will send you a dish of strawberries and cream daily.—ED. FARMER.

LETTER NUMBER TWO.

GREEN TREE, PENN., April 5th, 1869.

Dear Col:

ABOUT GARDENING.

I want you to preach up gardening for women I feel like sermonizing them myself something after this fashion: "My dear sisters; try it: it is very easy. Your petticoats?

My dears; they are not in the way at all; the present walking dress; Sans crinoline; is just the thing for gardening. Don't be afraid of the Dr Todds; there is precedent for it I assure you Did'nt the great mother of the race garden, to be sure she did; what else was there for her to do; It was all out doors then; so she had no house to keep. Happy! happy Eve! no buttons to sew on; no stockings to darn; no sweeping, dusting; baking and brewing to mar the beauty of her long sunny, summer days!

But even we; my sisters; with all the heavy panal of poor Eves sin dragging at our skirts; may still grasp some of the best delights of Eden. Yes; dear beloved; the new Eden like the old is a garden.

Break the bonds of fashion; (I had nearly said satan; and I wish I had;) and you will have time to try my plan of getting back to Paradice.

When I see the tucks, flounces, and furbelows generally; that women spend time, health, and money on; I am tempted to turn Mohammedan yes; my dears; it is a dreadful thing to say; but it is true.

Here is my creed: "needle-works is a device of the evil one; a love of it an evidence of total depravity." What did Eve know of seam, gusset, and band"; when in a State of innocence? nothing. But as soon as she became a fallen woman; she took to patching up fig-leaves; and her degenerate female descendents have been at it ever since. And pretty patch-work you make of it my dears; don't you? Look at yourselves when in what you call full dress; and tell me; is that the likeness of any thing made in the image of God?——

So: don't tell me again that you hav'nt time to garden: dress like reasonable human beings and you will have time to raise more strawberries than you can eat; and more flowers than you will know what to do with.

Beside laying in a stock of health, and strength against the days of trial, that are sure to come sooner or later in the lives of all."

There, that is the way I would talk to them if I had a paper. Not that I would advise you to come out quite so plain: you know; seeing you are a MAN. Women don't like to be lectured by the stronger sex. You must coax; and lead them; a kind word will go a long way; but they are worse to of drive than pigs. I throw in this latter suggestion for your future benefit; hoping my sisters will for give the unelegant illustration for the sake of its truthfulness. Truly yours.

JENNY DARE.

REPLY.

Good for Jenny. We adopt your Text, Sermon and all, and say Amen with all our heart. Preach away, Jenny, and we will print it.—ED. FARMER.

LOOK TO YOUR GARDEN GROUNDS.

We repeat our advice to all who desire to have a good *Summer Garden*, to look to their grounds *now*. A special favor has been granted to all in the fine showers of last week.

Those who are observers of such things should notice how much more soft and mellow the soil is after these *natural waterings*, than it is after *artificial waterings*. This should teach all a good lesson.

We repeat, now is the time to dig, loosen, and let the sun and air down into the soil that was baked hard by neglect. Those who neglect this duty now, will *regret it* when they see their gardens wither by the hot sun of the summer. But grounds that are dug deep and nicely prepared *now* can be kept soft and mellow all summer, and will not bake hard again. *Now, to this work.*

New Advertisements.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS C McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

GARDEN GROUNDS LAID OUT,

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

THE

PHOTOSCOPIC

Table Company.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION

this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changable pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

Those who desire to PURCHASE can see one the Tables by calling at the FARMER Office, or addressing

EDITOR FARMER. 32-1

THE CHURCH UNION.

This paper has been recently enlarged to mammoth proportions. *It is the Largest Religious Paper in the World.* Is the leading organ of the Union Movement, and opposes ritualism, close communion, exclusiveness and church caste. It is the only paper that publishes Henry Ward Beecher's Sermons which it does every week, just as they are delivered,—without qualification or correction by him. It advocates universal suffrage; a union of Christians at the polls; and the rights of labor. It has the best agricultural department of any paper in the world; publishes stories for the family, and for the destruction of social evils. Its editorial management is impersonal: its writers and editors are from every branch of the church, and from every grade of society. It has been aptly termed the freest organ of thought in the world.

Such a paper, offering premiums of Sewing Machines, Dictionaries, Appleton's Cyclopedia, Pianos, Organs for Churches, etc., makes one of the best papers for canvassers in the world.

Every Congregation may obtain a Communion Service, an Organ, a Melodeon, a Bible, or a Life Insurance Policy for its Pastor, or almost any other needful thing, by a club of subscribers.

The agency for the *Church Union* is the *California Farmer* Office, San Francisco, where subscriptions will be taken and copies furnished.

Send for a copy, enclosing 10 cents, to

HENRY E. CHILD,
30-32 41 Park Row, New York.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,
Or GEN. JOSIAH HOWELL, Sacramento City.

Miscellaneous.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S J. President.

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked this large sum of money will be increased each year until, in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster BY ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION, *whose capital and assets will not be impaired or injuriously affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

THE CALIFORNIA

MUTUAL LIFE Insurance Company

Of San Francisco.

OFFICE NO. 13, MERCHANTS' EXCHANGE.

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F. McCOPPIN, President. S. F. BUTTERWORTH, Vice-President.

All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION OF DEBTS, whether the policy be in favor of the *party assured*, or of *any other person*.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured at *any time* when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium, for a period *corresponding* to the time they have paid all cash, by merely giving their note, and paying the interest in advance.

Wm. R. WHEATON, General Agent.

CARLOS O'DONNEL'S

CALIFORNIA CORDIAL TONIC

OR

Wild Cherry Bitters.

TRADE C. O. D. MARK

This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

DYSENTERY, DIARRHŒA

NERVOUS AFFECTIONS,

Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

N. B. JACOBS & CO.

Sole Agents,
423 *FRONT STREET, SAN FRANCISCO.*
31,12 3m.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of FARMER Office

50,000, Choice Grape Cuttings.

VERY CHOICE GRAPE CUTTINGS.

Many kinds not to be had at any other place.

ALSO—Very strong 2 year old rooted vines, at a very low figure.

Apply at the FARMER OFFICE,
Or address Editor Farmer.

Miscellaneous.

BOWEN BROTHERS,

CHOICEST

FAMILY GROCERIES,

AND DESIRABLE

Housekeeping Goods

Also

Foreign and Domestic Wines & Liquors

Of the Very Best Brands only.

A SPECIALTY of our House is always to have on hand the Newest, Choicest, and most desirable

LUXURIES FOR THE FAMILY

at all seasons of the year.

We call particular attention at this season and during the Festival Days, to the following desirable Family Articles:

NONE BUT THE BEST OFFERED

TEAS, every Choice Brand known.
COFFEE, Very Extra Varieties.
Sugars, Syrups, Spices,
Flour, Meal, Butter, Cheese,
Eggs, Lard, Hams, Beans,
Peas, Rice, Farinaceous Food,
All kinds California Dried Fruits, in extenso,
Table Meats, great variety,
Raisins, Prunes, Currants, Figs, &c.,
Chocolate, Cocoa, Olive Oil,
Pickles, in endless variety.
Sauces, Preserves,
Hermetically Sealed Meats,
All kinds Jellies, Jams,
Sweetmeats, &c.
Toilet Soaps, Family Soaps, Starch, &c.
Special styles put up for us of
Fruits in Brandy,
Potted Meats, Fish,
Condensed Coffee, Condensed Milk,
Extracts of Coffee,
Manioca, for Puddings, Custards, etc.
Spices,
Flavoring Extracts, 1, 2 or 5 oz. bottles
Portable Lemonade,
and all needed articles of this kind.

Brooms, Brushes, Pails, Tubs, &c.

SHIP STORES IN FULL STOCK

Goods sent to every part of the city free of charge to the Steamboats at all the Wharves.

Farmers and Ranchmen in the country are specially invited to call on us when in the city, and examine our large and select stock of Family Groceries, which we sell at Wholesale or Retail

BOWEN BROTHERS.
Corner Montgomery and California Sts, San Francisco.

Choice Grape Vines and Cuttings.

Those who desire to secure the very choicest varieties of Grapes, (their in

STRONG ROOTED VINES

OR

Good Healthy Cuttings

Can secure the very choicest. Many varieties from rooted vines, that will show fruit the present year.

THE RAISIN GRAPE

Strong jointed vines of this very desirable grape can be had with all others at

FARMER OFFICE

PACIFIC ANATOMICAL MUSEUM,

....AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,

Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of the most strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection of BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed, and the celebrated Du Chaillu GORILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays 2to5

Preserve Your Sight!

BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician
71 No. 205 Montgomery street, San Francisco

New Currants.

THE GONDUIN RED.

Long Bunches, rich and delicious.

THE LA PALLEAU.

A splendid large currant, said to be a better species of the Cherry Currant, a large cluster and brilliant.

BLACK NAPLES.

Very fine for preserves and Jellies.

WHITE GRAPE.

A splendid Table Fruit.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental Variety

JAPAN LILLIES,
Rare Kinds ROSES,
GERANIUMS,
HELIOTROPES,
FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE

Miscellany.

COME THIS WAY, GENTLEMEN.

For the past year or more, the agricultural press of the North have frequently contained most doleful accounts of the depressed state of the *wool trade*. Sheep that once were fondly expected to yield golden fleeces, are butchered for their meat A perfect panic prevailing, so that men run from a sheep as from a mad dog. Now, this is all folly. It is true that the sheep fever that raged during the war, was almost as foolish as the panic which now prevails. The business was overdone, and the reaction in prices is the natural result. It is very well, perhaps, for the majority of Northern farmers to get rid of their sheep, but it is the height of folly to kill them.

We say to you, bring them down South. There are millions of acres now lying idle in the South, where sheep can be grown cheaper and with less trouble by one hundred per cent than on the best sheep farm in the North. These lands can be bought for the very smallest sums. Or, if the sheep owners do not wish to come down South to live, they can very easily dispose of their sheep to the farmers in various sections of the South on very liberal terms. In view of these facts, we say: come this way with your sheep.—*Dixie Farmer.*

A NEW SCHEME TO SPECULATE IN LAND.

St. Louis, March 23.—A movement is on foot to call an Irish national convention of delegations from the Irish religious benevolent societies of the United States, the object being to form a central bureau in New York, with auxiliary societies through all the states, for the purpose of furnishing aid and information to Irishmen in regard to the price of land, labor, etc., and to render any other assistance necessary to secure the benefits of Irish emigration.

The Rivers of Damascus.—Abana and Pharpar rivers, of Damascus, mentioned by the Scriptures, have recently been thoroughly explored by Macgregor, the famous canoe traveler. Macgregor, after going from Cairo to Suez, and exploring the Delta of the Nile, had his canoe carried by land to Beyrout, thence over Mount Lebanon, and finally launched in the river Abana, on which he paddled to the plains of Damascus. The rivers Abana and Pharpar, in consequence of the wild beasts, deep jungles, and savage Arabs, have heretofore been laid down inaccurately on the maps by travelers. Macgregor gives an interesting account of a "giant stone town," with stone doors, rafters, and window-shutters, covered with Greek inscriptions dating before the Christian era.

How to Catch Rats.—Different contrivances have, from time to time, been presented to the public for extreminating rats and other vermin, and each claiming to possess some superiority, which the others have not attained. But, as a general thing, the cost of patent machines prices them beyond our poorer population, while many of the wealthy are incredulous, and prefer to employ the old style trap. Now, if a drop of oil of Rhodium be poured upon some bait in a common wire spring trap, and the said trap be set in an infested locality, only a short time will elapse before the cage will be found occupied by vermin.—Rats and mice possess a great liking for oil, and when scented, will risk anything to obtain it. I have cleared my cellar of the pests by this method, and others have tried it with similar success. The oil of Rhodium costs about one cent per drop, but a drop will last for several days. Rhodium oil is an extract of a Chinese rose tree, *Convulvus Scoparius*, and the perfume is similar to that of roses. This oil, as well as that of anise and assafœtida, is often used to attract fish, insects, and other animals.—*Scientific American.*

—There are a larger number of Cubans in this city than is generally supposed; and many, desirous of avoiding the horrors of war, have recently deserted their native island. An association of Cuban ladies, called "Junta Patriotica de Cubanas," has been formed for the purpose of forwarding hospital supplies and other necessaries to the revolutionists in Cuba. It is said that a large number of volunteers, from this and other cities, have found their way to the disturbed island, and are now fighting in the revolutionary army. They have gone in small parties; but, if reports are true, no less than seven hundred have sailed from this port alone.—*Harper's Weekly.*

—The pastor of a popular church, one Sabbath evening, at the Sabbath-school concert, said:—"Boys, when I heard your beautiful songs, tonight, I had to work to keep my feet still; what do you suppose is the trouble with them?" "Chilblains, sir," said a six year old boy, which, notwithstanding the solemnity of the occasion, set the whole audience in a roar.

ECONOMY
WASHING MACHINE!

A new lot of the above named Machines, including all the latest improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JOHN M. HORNER, Mission, San Jose, Alameda County, will receive prompt attention.

Compare Prices.

The Mason & Hamilton Organ Company, whose Organs are acknowledged to be the best, have this season introduced very important improvements and new styles of Organs, and have materially reduced prices. Five Octave Organs, $90 each; Five Octave Double-Reed Organs, Five Stops, $125. Every one having any idea of purchasing an Organ should at least obtain one of their circulars (which will be sent free) and compare prices. Address the Mason & Hamlin Organ Co., 596, Broadway, N. Y. or 154 Tremont Street, Boston. 1t.

Miscellaneous.

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the Farmer. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL
LIFE INSURANCE COMPANY!
OF (SACRAMENTO) CALIFORNIA,
37 and 39 SECOND STREET,
SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GOLDEN EAGLE
HOTEL.
Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retailers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at
MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the
BEST GOODS
IN THE MARKET AT VERY LOW PRICE
N. P. COLE & CO.
310, 312, 314 Pine Street, SAN FRANCISCO
30-10

Harness. Saddles.
MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,
Saddles, Bridles,
WHIPS, COLLARS
SADDLE-WARE, &C.,
Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

AVERY
TUBE WELL
COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc, being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents
FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome fortune for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER,

Insurance.

PACIFIC
INSURANCE COMPANY
OF SAN FRANCISCO, CAL.
Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,802 82
CASH ASSETS	$1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

San Francisco:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B. Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull, S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hanssmann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.
Sacramento: Edgar Mills, G. W. Mowe, C. T. Wheeler.
Marysville: J. H. Jewett.
Stockton: T. R. Anthony.
Portland, Oregon: W. S. Ladd, Jacob Kamm.
Virginia, Nevada: Wm. Sharon

Officers:
JONATHAN HUNT, President
A. J. RALSTON, Secretary,
O. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.
T. C. Grant, J. E. Bigelow, } Local Agents. 17-26

HUCKS & LAMBERTS'
CELEBRATED PATENT
H.&L.
AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the package

Depot, 320 Jackson Street,
HUCKS & LAMBERT,
Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S
NORTH POINT
GRAIN WAREHOUSES,
SANSOME AND CHESTNUT STREETS,
SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates

☞ For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
119 California stret.

Railroad Lands.

Central Pacific Railroad, Land Department.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credits: five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. But three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,
Manufacturers and Dealers in
Printing and Wrapping Papers,
PAPER BAGS, TWINE,
Blank Books, Stationery, Etc., Etc.
All Kinds of Paper made to order.
Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE
BY
JOSIAH STANFORD,
SUCCESSOR TO
STANFORD BROS.
123 CALIFORTIA STREET,
SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit.

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, April 29

The present condiiton of the Grain Market should induce every Grain grower who has his last year's wheat on hand, to place it in the market at an early day.

It is a singular feature of our market, that, while we have positive assurance, that shippers of wheat to Europe and to the Eastern States have been losers, some to large amounts, that the same parties are still ready to try their luck again, and ship more.

The last Telegraphic news gives us from *Liverpool* 9s. 1d., and New York quotations $1.60–$1.65. These rates will not give a margin to shippers, and those who have cargoes arriving at either ports, that cost them here to place on board ship $1.80–$1 90, or even $1.70 can easily see the balance is heavy on the wrong side of Profit and Loss account.

The present market value of Wheat is $1.40–$1.55 for choicest; these are the outside rates. There has been some large sales this week, but the prices and terms are not made public.

There is one feature in our Grain Market that is favorable to our Grain growers, and they should now use it to their utmost; there is some demand for our Breadstuffs from new Marts of trade, and a better chance to ship to China, by reason of a lower price in grain. Now if our Farmers will only meet this demand and sell, even at a *low figure*, the market can be eased of a large amount of wheat, which otherwise must lay over to conflict with the *New Crop*.

We sincerely counsel our Farmers who hold wheat to sell by all means. The new crop will be immense, and must rule low, as advices from all parts of the world that will affect *our trade*, tells to this point.

Barley and Oats are declining. Prices nominal.

Our Wool Market is firm—prospect good. Eastern buyers want our Wool, and are buying largely. Prices are tending upward.

Hides and Tallow are firm.

Old Potatoes very low; the warm weather causes them to sprout fast.

New Potatoes bring good prices.

Onions scarce and high, as will be seen in our rates.

Grain, &c

Wheat California, ₱ 100 lbs	$1 25	@	1 40
do Extra	1 40	@	1 55
Barley, ₱ 100 lbs	1 60	@	1 90
Rye ₱ 100 lbs	3 10	@	3 25
Oats, California, ₱ 100 lbs	1 80	@	2 00
Corn ₱ 100 lbs	1 50	@	1 60
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	15 00	@	17 00
Middlings ₱ ton	20 00	@	25 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	6 00
Potatoes	50	@	75
Potatoes, New	1 50	@	1 75
do sweet	2 00	@	2 50
Onions	8 00	@	9 50
Hay, ₱ ton, extra	10 00	@	15 00
Hay, ₱ ton, ordinary	8 00	@	12 00
Straw ₱ ton	5 00	@	7 00

Retail Prices in the Fruit Market.

OUR

Fruit Market this week makes a very good showing. The *new* features are *Cherries*, from the Briggs' Orchard at Marysville; these brought 75 cents to $1.00 per pound. Strawberries come now in abundance—about 10,000 pounds per day is the average this week, the larger portion of which come to Mr. Weston, Pacific Fruit Market. Mr. Gould of Santa Clara, sends in some 500 to 600 pounds daily now. "Longworth's Prolific" is the variety principally.

Very fair Lemons and Oranges come from Los Angeles, and Bananas from Panama.

Nearly 1,000,000 Oranges arrived this week from Tahiti; also Lemons and Limes of best quality.

Apples are scarce, and only a few Pears now in market.

Apples, ₱ box	1 50	@	4 00
Pears, ₱ lb	—	@	12
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	—
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	1 00	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	—
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	20	@	25
Rasberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	—
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	50	@	—
Lemons, ₱ doz	75	@	1 00
Oranges, ₱ 100	4 00	@	6 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	3 00	@	5 00
Cal. Walnuts ₱ lb	—	@	37½
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

THE

Vegetable Market is in good condition, supplying the very best in each department—Cauliflowers, Brocoli, and Cabbages, A. No. 1. *New* String Beans made their appearance to-day, and sold at 50 cents per pound.—Sugar Peas, Cucumbers, New Potatoes, and String Beans, added to other nice things, ought to satisfy even epicures.

Asparagus, ₱ lb	15	@	18
Artichokes, (Fr.) ₱ doz	37	@	75
Brussell's sprouts, ₱ lb	8	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	1 00	@	1 50
Cauliflower, ₱ doz	1 00	@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	3 00
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 25	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₱ lb	8	@	10
Green Corn, ₱ doz ears		@	—
Sugar Peas		@	10
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	10	@	15
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2	@	3
do Sweet	5	@	7
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	—	@	25
Parsley	50	@	25
Pickles in jars, each		@	25
Rhubarb ₱ lb	8	@	12
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	50	@	75
do Red	25	@	37
Squash, Summer	—	@	—
do Marrowfat	3	@	5
do Hubbard	3	@	8
Beans, String	—	@	—
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	40
Salsify, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	25

FISH

(Tessmore and Hayes.)

This department is in good condition—Fine Trout from Lake Tahoe, per Railroad, and California Halibut (only $1.00 per pound,) with other epicurean kinds of the Finny tribe, always found at those Prince of Caterers in this line, whose names are over this department. See prices below.

Salmon, ₱ lb	—	@	12½
do smoked, new	10	@	12½
do pickled, ₱ b	—	@	8
Salmon Trout ₱ lb	—	@	—
Smelts	8	@	10
Perch	8	@	10
Rockfish		@	12
Codfish, dry	—	@	18
Herring, fresh	—	@	
do smoked ₱ doz		@	25
Tomcod	—	@	20
Sardines, fresh	—	@	12
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small	—	@	25
do soft	—	@	50
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	—	@	—
Shrimps, ₱ lb	—	@	10
Flounders	—	@	20
Sea Bass		@	
Halibut, rare	—	@	1 00
Sturgeon	—	@	5
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	10	@	12
Turbut		@	62

MEATS-

(L. Miller & Co)

Miller & Co. inform us, that good feed has made the market for Beef, Veal, Mutton, and Pork drop a little, but if the price is in favor of the *buyers*, they get better articles too. Feed was never better, and Beef, Mutton, Lamb, and Pork, all are in prime condition. See Retail list.

Beef, tenderloin, ₱ lb	18	@	20
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	12	@	55
do cutlet	—	@	18
Mutton, chops, ₱ lb	12	@	15
do leg	—	@	12
Lamb, ₱ lb	15	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
do Sugar Cured		@	32

POULTRY AND GAME.

Ducks, wild ₱ pair	—	@	—
do tame	2 00	@	2 50
do Canvas-back		@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese, wild, ₱ pair		@	1 25
do tame	2 50	@	3 00
Chickens, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	1 00	@	1 25
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	—
Quails, ₱ doz		@	
Pigeons, domestic, ₱ doz		@	4 00
do wild		@	2 00
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 50
Spring Chickens	7 00	@	10 00
Turkeys, ₱ lb	—	@	28
Ducks, tame, per doz	8 00	@	8 50
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	2 00	@	2 50
do wild ₱ doz	8 00	@	10 00
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

This department, Messrs. French & Co. tell us, is in good condition. California Butter has advanced a little, no Eastern being in market. Eggs have advanced. Other articles in this branch about the same. Prices below.

Butter, California, ₱ lb (Fresh)	40	@	45
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	—
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	30	@	35
do do packed	—	@	—
do Eastern (new)	—	@	—
Cheese, California	16	@	18
Eggs, ₱ doz	—	@	42
Lard, ₱ lb	12	@	15

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 10 @ 11c ₱ lb
do. 2d do. 8 @ 9c.
MUTTON—7@9 ₱ lb. LAMB— 11@12½c.
PORK—undressed, —6@8c; dressed, 11@12½c.
VEAL—11@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20	@	22
do extra	25	@	27
Medium	15	@	18
do burry	10	@	12
Wool-sacks, new	80	@	1 00
do second hand	40	@	50
Dry hides, ₱ lb	16	@	18
Green salted, ₱ lb	7½	@	8
Sheep skins, wool on	40	@	50
do do plain	15	@	30
Goat skins, each	40	@	60
Refined Tallow	8½	@	9½

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

20,000 NEWSPAPERS.

We have TWENTY THOUSAND Newspapers—Newspapers of the largest size among our Exchanges, suitable for WRAPPING PAPER for Dry Goods, Clothing, etc.

—ALSO—

TEN THOUSAND

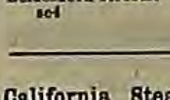
Of the best Agricultural Papers known, comprising our various Agricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on Agricultural matters, can have these at low rates by the 100. Apply at FARMER OFFICE.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS



Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. M. S. S. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

April 17th—GOLDEN CITY, Capt W. F. Lapidge, connecting with HENRY CHAUNCY, Capt. Conner.

April 30th—MONTANA, Capt. E. S. Farnsworth, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se1 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento or alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17.13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtill further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wadsworth at 6.30 P. M. Winnemucca at 3.30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points n Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages or White Pine, and Overland Stages for Salt Lake City and the Atlantic states.

C. CROCKER, General Superintendent

AUZERAIS HOUSE,

SANTA CLARA STREET,

San Jose, Cal.

J. M. STAPLES, PROP'R.

—ALSO—

LAKE HOUSE,

DELMAR AVENUE,

SAN JOSE.

The undersigned has also leased this hotel for a term of years, and will open it for the accommodation of families on the 1st of March, and is to be kept in connection with the Auzerais House. It has a Park and Garden of some five acres of ground adjoining, beautifully laid out in walks, and ornamented with Fruit Trees, Flowers, and Shade Trees.

The house is built of wood, with galleries surrounding on each story

Families who desire quiet hotel accommodations combined with elegant pleasure grounds, will find the LAKE HOUSE a most agreeable place of resort. Parties wishing rooms and board will please apply to J. M. STAPLES,

31.1 Proprietor of the Auzerais House.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO., California Farmer Office

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S

CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and sure. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and for tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the proper action of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has a sympathetic connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Bowels, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels generally are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every one. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are unequaled to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S

American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. Hence even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an areola or circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently streaked with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough; cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the same stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, MAY 13, 1869. NUMBER 16.

The California Farmer AND Journal of Useful Sciences.

PUBLISHED EVERY THURSDAY EVENING.

BY WARREN & CO.

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TRIUMPHANT COMPLETION OF THE PACIFIC RAILROAD

ADDRESS OF GOV. HAIGHT.

Fellow Citizens: We meet to-day to celebrate one of the most remarkable events of this eventful age, one whose influence upon the future of our country and upon human destiny it would be difficult properly to measure; one of the grandest triumphs of American enterprize, engineering and constructive skill and energy of which our history can boast. hers in a new era in American progress, and while it is an event of world-wide significance, it is one of special importance to our own country and our own State.

I would that its great results to California could be set forth on this day of rejoicing by eloquence more worthy of the theme than any poor efforts of mine; but in consenting to accept the invitation with which you have honored me, to be your speaker on this occasion, I have rather yielded to the necessities of official position than assumed a task to which I feel adequate.

I recollect some years ago looking at a picture which many of you doubtless have seen, representing a family of pioneers who had accomplished the tedious journey overland, and, having reached the crest of the Sierras, stood gazing with enraptured vision upon the magnificent panorama which extended before their eyes in the valley of the Sacramento. The noble river in the distance seemed like a silver thread meandering through the great valley; the purple summits of the Coast Range rose in front to the westward, and far to the south stretched the fertile plains of the San Joaquin, until in the soft haze of our landscapes, their limit was lost in the horizon.

In a metaphorical sense, we stand upon such an eminence to-day. Behind us is the rugged journey, with its desert sands, its savage tribes, its cooling springs, making oases where at times we have rested from our toil; around us is the pure air and over us the blue sky, while within us our hearts beat high with hope and confidence, and before us lies in its beauty the rich prospect of our boundless future.

In looking back over our journey, did time permit, one would be tempted to extend the review beyond our own personal experience, and the history of our own State and country to note a few of the most memorable epochs which have marked human progress during the eighteen centuries that are past. To trace the history of civilization, however, during this period would require far more than the time now allotted, and is a subject which would task the loftiest powers. Otherwise, it might be interesting to dwell upon those prominent epochs which have signalized the progress of mankind since the advent of Christianity marked an advance from paganism to theism, and from a religion of forms to one of spirit; from the time when the code of Justinian marked a memorable era in legislation to the period when Magna Charta developed a new and rational theory of government, and thence to the enlightment of the present day. This progress, it is true, has not been uniform or constant. The tide has had its ebb as well as its flood. There have been temporary retrogressions in almost every department of human activity—in science, in government, and in religion.

Nations have exchanged places in the scale; some have relinquished freedom for despotic rule, religious liberty for blind superstition, power for weakness, and science for ignorance, while other nations have risen from barbarism to the hights of knowledge, and from small beginnings have attained greatness in the arts and sciences, in freedom, wealth and power.

The great nations of the present day are none of them ten centuries old. England's greatness dates from the revolution of 1640, before modern civilization had penetrated the domain of the Czar, before the Prussian monarchy or the American republic were known among the nations—when Spain was the leading Power on land, and Holland was the mistress of the seas.

Human progress for the last two centuries has known little pause. Dynasties have risen and fallen; revolutions and civil wars have deluged portions of the world with blood; but heretofore good has been evolved out of evil, and, during war and peace, political changes and national vicissitudes, the minds of men have been year by year more emancipated from thraldom, and more active in investigation, and in useful invention and discovery.

In the history of human progress it seems to us as if the chapter devoted to the present century would fill as large a space as the eighteen centuries which have preceded it. It is now but little more than two-thirds gone, and yet what improvements and discoveries it has witnessed. When the last century closed, and for some years afterward, no steamboat had been built. Nearly a fourth of the present century has passed before railway construction was inaugurated, and nearly half of it was gone before electricity was pressed into man's service, as his messenger to annihilate distance and to bring into instant intercourse the most remote islands and continents.

Anthracite coal was never used as fuel in dwellings, nor was any city lighted with coal gas until after the year 1800.

Time would fail to enumerate even the most important discoveries and inventions of this century. In locomotion, in the art of printing, in weaving and sewing by machinery; in dyeing and coloring; in hydraulics and optics; in the application to machinery of steam and hot air; in the thousand improvements in firearms; in light, lighthouses and lightning; in photography, from the daguerreotype to the card photograph; in agricultural implements; in cabinet work and house building; in steam navigation; in ship building; in railways and electro-magnetic telegraphs, with their various apparatus of wire and cable, and printing; in house warming; in lighting streets and dwellings; in metal pipes and tubing; in sewerage and drainage; in cotton, wool, flax, hemp, and silk production and manufacture; in all these and many other channels the minds of men have been busy and fruitful during the sixty-nine years of the present century, until the limit of invention seems to be almost reached and human ingenuity exhausted.

Marshall's discovery of the particles of gold in the mill-race at Coloma was the beginning of a great revolution in the commerce and business of the world, and in the nominal value of labor and property. It changed our geography and gave a new expansion to American ideas. What had before seemed hyperbole, became reality; the empty boasts of stump orators seemed about to be verified by facts. The treaty of Guadalupe Hidalgo had secured us in possession of the fairest, the most genial and fruitful part of the American continent, and as we, in our partial judgement think, of the globe. We had almost realized the poet's dream of exchanging our "pent up Utica" for "the whole boundless continent." We still lacked the British possessions and Mexico, but we were in the position of one gorged with food and incapacitated from further indulgence, until time was allowed for digestion and assimilation. I speak of a revolution in the commerce and business of the world, and in the value of labor and property. Two substances alone, gold and silver, are an accepted standard of value and a universal medium of exchange. Like all other articles, the intrinsic value of these metals is regulated by the quantity produced, the cost of production, and the demand for their use. The demand has increased with the expansion of commerce, but its increase bears no ratio to the increased supply. The whole amount of gold and silver in the old world at the discovery of America was estimated to be $170,000,000, and the total annual product of gold in the world for some years previous to 1848, was but $20,000,000. At this rate it would have required a century to produce $2,000,000,000. Within the past twenty years there have been added to the stock of precious metals more than this latter sum.

The obvious result would be, as it has been, to diminish the exchangeable value of gold and silver, so that to procure many of the necessaries and comforts of life requires about three times as much money as it did twenty years ago.

This, however, is not the time to weary you with statistics, or discuss questions of political economy. The Oregon and Mexican treaties gave us a new geography; but neither Oregon, with its majestic river, its productive soil, and its "continuous woods," nor California with its healthful and equable climate, was accessible to immigration by any except the roving trapper and frontiersman.—Trackless deserts infested by tribes of Indians, and lofty mountain ranges intervened between the States of the Union and the newly-acquired territory along the Pacific.

The thirst for gold in 1849 and the few following years stimulated a multitude to defy all dangers and difficulties in the effort to reach the new El Dorado. An almost continuous line of emigrants crossed the Plains and reached the Pacific, way-worn with travel, and decimated by famine, pestilence and massacre. Another army crowded steamers and sailing vessels for the Isthmus of Panama, and encountered the miasma of the tropics and the discomforts of a voyage in overcrowded and ill-supplied vessels. Thus, by sea and land, the stream of adventurers poured into the land of gold. Europe added its contribution, and the penal colonies of Great Britain also—some of which latter was of indifferent quality.

So they came in 1849 and 1850, a vast throng, mostly men in the prime of life, full of adventurous energy—the elite of the enterprize of older countries, carrying with them, in spite of some vicious and dangerous elements, a large infusion of Anglo-Saxon respect for law, order, and constituted authority.

The track of emigration across the Plains was dotted with the graves of those who fell by the way, and in the lack of ordinary comforts multitudes more would have soon found a grave in California but for the salubrity of its climate.

The early emigration was composed of heterogeneous elements. All forms of vice and dissipation were indulged unblushingly by men and women set loose from the restraints of settled society, and freed from the control of a sound public sentiment. There were many noble spirits who labored to lay broad and deep the foundations of religious, educational, and charitable institutions, and to organize republican government on these shores. Some of them have rested from their labors, leaving behind them monuments more enduring than marble, and some are still pursuing their career of usefulness among us.

In looking back at the past, how checkered is the prospect! Conflagrations have swept our cities and towns with the besom of destruction.—The commercial metropolis of the State has more than once been almost wholly destroyed by fire, with no insurance to repair the broken fortunes of its citizens, and the present Capitol has suffered not only from fire, but from the more appalling disasters of flood. Mercantile embarrassments and disaster, with extreme depreciation of property, were superadded to the ruin wrought by flood and fire.

There are shadows in the picture like all of this world's experience; but in disaster and distress, Saxon and Celtic energy vindicated its claim to supremacy over all the obstacles of accident and of nature. The Winter of our discontent has been exchanged for glorious Summer, and a stable edifice of prosperity has been reared upon the ruins of our shattered fortunes. No more invincible perseverance has ever been manifested by any community under disheartening circumstances than by that of Sacramento, and her citizens are at last sharing with those of other cities a prosperity beyond that of any former period, and rejoicing in the certainty of a bright future.

For the first years of our California experience, those of us who were here felt many longings for the old homes and friends we had left beyond the mountains; an intense desire for some rapid and direct communication with the Eastern States, pervaded the mass of the population. It was never absent from our thoughts by day, or from our dreams by night. The lack of it induced many to bid a reluctant farewell to the sunny skies and attractive scenes of California, and seek their former homes east of the mountains.

Our only communication with the East in those days was the Panama steamer, first occasional, then monthly. The journey overland consumed months, and a telegraph or railway during the present generation was looked upon as chimerical. Installments of news came once a month in the shape of letters, and Eastern papers forty days old, which were eagerly purchased at fabulous prices.

In the Winter of 1849—50, the streets of San Francisco were thronged with miners driven in for shelter from the inclemency of the season. The prevailing style of dress was a flannel shirt of a coat, and in addition to the ordinary garments a pair of long boots purchased at the moderate price of six ounces or ninety six dollars in gold dust. Most of the large rooms in the city were used as gambling saloons, with the accessories of bands of music and well stocked bars.—Here day after day were to be seen dense crowds of men of all nationalities and races bending in absorbed attention over the gaming table, ignoring all distinctions of race or color in the excitement of play. Comparatively few were without weapons, and yet the number of homicides was relatively small. The sight of a lady was sufficiently rare to cause a street full of men to stop and turn to look at one passing.

The advent of Spring dispersed the crowds of miners throughout the mountains, and produced a stagnation for the time in San Francisco. I must not weary your patience by dwelling upon the scenes of the past so familiar in memory to many of you. Suffice it to say, the public gaming-house was soon succeeded by the school house, the hospital and the sanctuary. The common law and a code of well considered statutes superseded the vague, uncertain and strange rules of Mexican and civil law, and Courts organized in accordance with American usages took the place of the unfamiliar and irregular judicial administration of Courts of first instance.

One thing must be said in honor to our people, and it is but justice to say it: no more liberal, even lavish charities ever characterized any community than those of the people of this State.—The direction then given to benevolent impulses will never cease to be felt. It has conferred lasting honor upon our State and reflected credit upon human nature. It was the offspring of circumstances. Men came here strangers, without families and homes. There was a present feeling of mutual dependence. Wealth, too, was easily acquired, and, as a consequence, lightly esteemed. Open handed charity was the custom, and the people were educated to give at any time to any worthy object. Hence the benefactions of which California has been prolific, and which are known to the world, and hence the facility with which money can be obtained among us for any worthy or laudable purpose.

California in the early days was known to possess mineral wealth, and this was thought to be her only attraction aside from climate. The general judgement was that the country was worthless for agriculture. The long drouth of Summer was thought to render profitable husbandry impossible. On approaching her shores we were told that the earth became so parched with drouth in the dry season that it was rent with fissures, which in some districts rendered journeying unsafe. Trees, it was thought, would perish in Summer from lack of moisture.

Such was California in the past, with neither schools, hospitals or churches, with few public journals, with no agriculture, no firesides or children, no settled public sentiment, no railways or telegraphs, no shipyards, wharves or docks, no public buildings, no manufactures, and no communication with the East except by three small steamships, the germ of our present steam marine.

The country, however, was here, with its cloudless sky and its healthful air, its fruitful soil, its noble harbor and bay, and its water courses opening access to the two great inland valleys; and the pioneers were here, with faith in its future, with fixedness of purpose, with large hearts and stalwart arms

This was our past—what is our present? P little more than twenty years have gone and has been accomplished?

Look around you, and see these philan and benevolent institutions which now your highest praise. Sanctuaries r every form of religious belief—Gentil —Protestant and Catholic. A Pu tem, well organized and endowed year in efficiency, placing instru of all. A University, furnishe for growth, in addition to p learning. Hospitals, priva for the insane, for the d for the orphan. Benev the wants of the distr creed and nationalit enterprize and dev certainly not inf Thousands of c of the word, A sound an system of completi tant pr elege ize fr

thropic constitute epresenting and Hebrew lic School sys- growing every ction within reach d with ample means ivate instructions of e and public. Asylums af, dumb and blind, and lent associations to relieve ssed and suffering, of every . A public press, which for otion to the public interests, is rior to that of any Eastern State. omfortable homes, in the best sense ith troops of rosy-cheeked children. discriminating public sentiment. A interior railways, well advanced toward on, which will soon render the most dis- rts of the State accessible. Spacious and nt ferry and river steamers. A well organ- citizen soldiery, as a reliance against attack om without or lawlessness within. Telegraphic communication between the commercial centre and every considerable town in this State and the States north and east. Ship yards and dry-docks, foundries and factories—lines of steamships, north, west and south—public buildings for the criminal and the unfortunate. A State Capitol, nearly completed, which for solidity, spaciousness and architectural elegance has few equals on the continent. These are but a part of our present. To present a complete statement within the short compass of an address would be impossible; but there are two things more to be noticed. Agriculture, not mining, is now the basis of our prosperity, the sinews of our commerce, and the source of our wealth. The fame of our gold is eclipsed by that of our wheat. Agriculture is daily becoming a greater interest, and gold mining relatively, if not absolutely, less. Breadstuffs, wool, wine and silk seem now developing into the great industries of our State, but our agriculture will naturally be diversified and profitable beyond what would be possible elsewhere, owing to the peculiarities of our climate.

The other feature of our present is the great Continental Railroad, the completion of which we are met to celebrate to-day. If any one had asserted six years ago that to-day would find us rejoicing over a completed Pacific Railway, he would have been ridiculed as an idle dreamer. It is due to candor and truth to say, that even after the large grants made by Congress, the number of those who regarded the enterprize as spurious, and as nothing more than a Dutch Flat turnpike, probably exceeded the number of those who expected to witness its completion. It is unnecessary to give a history of a work with which you are all so familiar. Many of you recollect that not far from this place, in the month of January, 1863, the first ground was broken in the construction of the Pacific Railroad, by the then Governor of the State, now the President of the corporation. The enterprize encountered some opposition, which has probably retarded by a twelvemonth the completion of the work. I am not here to sound the praises of individuals or of communities, but it is simple justice to say that the men who projected and successfully executed this gigantic undertaking have exhibited a degree of foresight, of industry, sagacity, and business capability which merits high praise.

I say this the more freely because it is well known that I have never looked with approbatic upon the loan of State funds or credit, or the of State property to any corporation of this acter. The people will doubtless oppose ar policy in the future, as they have in the

It is a question of low taxes and from debt on one hand, and a burd and high taxation on the other. Al which are required will be built b prize, without loading the State of debt, crippling its finances and furnishing a prolific sour we expect to derive benefit by the influx of populatio point immigrants to a S the surplus earnings o cantile classes are p gatherers.

While, too, we all, we need not corporations h those of the garded wi To ret cannot the ci atta co

gift char- ay such past. exemption some debt the railroads private enter- with an incubus or half a century, ce of corruption. If from a Pacific Railroad , we should be able to ate free from debt, where the industrial and mer- ot all absorbed by the tax-

should be willing to be just to forget that most powerful private ave some interests in conflict with public, and that they are justly re- n some jealousy.

rn, however, from this digression: It be otherwise than a source of just pride to izens of Sacramento that whatever credit ches to any community in the State for the ception and execution of this great enterprize belongs rightfully to them. I say this not to utte any implied censure upon other communities o this day of festivity and rejoicing, but it is sai as the simple truth. The men who conceived th project and carried it through to success are al citizens of Sacramento, and the fact cannot b otherwise than gratifying to its people.

It was an arduous undertaking from first to las The progress, at the outset, was slow through th foot-hills and up the mountain slopes of the Sie ras. Hills were cut through and canyons bridge until after about four years of labor the iron tra reached the solid granite of the summit. A tunn of 1,650 feet, through granite rock, involved enc mous expense and labor, and caused a delay of year. The mountain was finally pierced, and t iron track started but little more than a twel month ago for its race toward the Rocky Mou tains. That the rapidity of its construction si that time has been a marvel, and that all anticip tions have been exceeded, is notorious.

We stand here to-day to rejoice not only o the completion of this great thoroughfare of co merce, but to rejoice still more with devout than giving over a prosperity not exceeded, if equal in any community on the globe. It is safe to that there is no State or country where more ments of substantial prosperity exist, where gre contentment prevails, where labor is so well warded, where wealth is so generally diffu where a sounder currency is to be found, where climate and other causes are more pro tive of the health and happiness of all classes

I have thus, in these discursive remarks, gla briefly at the past and present of California. shall be said of its future? Lift your eyes expand your conceptions to take in the magni of its destiny. An empire in area, presentin

[CONTINUED ON PAGE 125.]

Agriculture.

WHY EDUCATE BOYS WHO ARE TO BE FARMERS.

"Book-learning will not make John more expert in driving the oxen, or handling the plow," says my good neighbor B, "therefore a little arithmetic and writing will suffice." But our neighbor B. is wrong we believe, as both philosophy and fact will show. Our friend adopts as his basis that farming is for the sole purpose of gaining a livelihood and making money, and that here the duties of the farmer end. But can a father and a citizen rest with this low aim? Is he to enclose the life of his son within the limits of his paternal cares? Does he recognize no duties that the son owes to himself, and above all to this great republic of workingmen? Is the highest culture to be bestowed upon the plant, the tree and the animal, while the *Lord* of the soil remains undeveloped in mind and dwarfed in intellect? Look back through the centuries and read the sweeping fact of history that *without education the cultivators of the soil become serfs.*

Think, then of what this country aims to do for the laboring men and the means that are to elevate the *millions* instead of the hundreds to influence and authority. How elevate the *work* but by elevating the man? How ennoble the occupation except as its patent of nobility comes from the hands and brain of the toiler. Is the man's sphere the farm alone? Is it not in courts, assemblies, Legislatures and Congressional halls? How are the large and growing interests of agriculture to be protected, encouraged and made the glory of the nation, except as this class of men with brains, skilled in argument and loaded with facts, enter these places to do combat for the interests of their brethren of the soil?

The future of America, more than that of any other nation, depends upon the education of the boys of the Workshop and the Farm. Don't begrudge them the books and the time during the winter months. The fruitage of careful study may be a ripened manhood and an inventive genius that shall do yet more to hasten the improvements of agricultural science.

DUPLEX,
Lincoln College.

"LABOR-SAVING" ON THE FARM.

The farmer of the present day has great reason to be thankful that his lot was cast in a time when the universal tendency is to save labor by the invention of machinery. It manifests itself at almost every turn of the eye and hand The Patent Office at Washington exposes to view such a collection of ingenious agricultural machines, great and small, as is to be seen nowhere else on the civilized globe. What is the true meaning of this? It means simply that muscle is, in the future, to be duly subordinated to intellect, as it should be; that mind is to come to the top, and mere physical force to come under the sway of a reinforced intelligence; that the agriculturist is henceforth to have his deserved share of that leisure for thought, for culture, for social pleasure, for rest, which is called "golden." Hence, all appliances that will save labor, and therefore time, are to be welcomed with gratitude.—*Mass. Ploughman.*

GREENS IN SUMMER.

One accustomed to a good variety of vegetable food is struck with the paucity of this he meets in traveling about the country, not only at the tables of farmers, but at hotels in small towns. Potatoes, beets, onions, peas, and beans, in their season, make up a larger variety than is usually to be found. To add to these a frequent dish of greens would be an easy matter. The variety of beet known as Chard, or Swiss Chard, is most excellent for this purpose, and we wonder it is so little cultivated. It is a beet, the root of which is worthless, and it is grown only for the leaf.—The leaf stalk is broad and thick, and the leaf itself is fleshy, tender, and succulent. There is a red and white variety. The cultivation is the same as that of the common beet, but the plants should not stand nearer than a foot apart. A rich moist soil is best. In gathering, the outer leaves are pulled off, leaving the inner ones to develop and keep up a supply. The leaf and leaf-stalk may be cooked together, or the stalk may be separated, boiled, and dressed like asparagus, and the leaf cooked like spinach or other greens. A single trial will commend this to every lover of greens.—*Am. Agriculturist.*

—Mr. Kimble, in the *Prairie Farmer*, gives directions for shoeing, horses, to prevent their overreaching. The method seems to embrace much common sense, and is as follows:

Make the forward shoes long, and the toe-calks short and standing a little under, and set them as far back as convenient, in order to let the feet roll over as soon as possible, to get out of the way.—And in setting the shoes on the hind feet, reverse the order to keep them back, to give time for the forward feet to get out of the way. Make the toe-calks high, and the half-calks low, to keep the feet back, then he will travel like other horses. This may be remedied in part in the mode of paring the hoof. This is essential in all cases, and where too many horses have been made cripples. Great pains should be taken at all times in shoeing horses, and I believe not too many of our blacksmiths fully understand making the shoe and paring the hoof.

NEW SLATE DISCOVERY.

[We have received with the following Letter a very superior Sample of the Slate from this Quarry, which can be seen at our Office. It is indeed very fine and worthy special attention.—Ed. Farmer.]

COPPEROPOLIS, CAL., May 3, 1869.

COL. WARREN—*Dear Sir:*

I send by mail a sample piece of Slate taken from the Alvord Claim, about five miles west of this place. The Company employ thirty-five men at present, to carry on the work of opening the ledge, and I understand it is the intention to put on a greater number as the work advances. They are now down to the depth of thirty feet—the quality of Slate becoming better as they go down.

Messrs. H. M. Moore and Thomas Barber are the efficient and gentlemenly Superintendants.

As is the custom in California, a little town is beginning to be talked of, and I see no reason why one should not be reared.

The name of "Alvord" is now attached to the place, which consists of a boarding house, a sleeping house, a few brush shanties, a blacksmith shop, and a saloon, all of which places do a thriving business.

Respectfully Yours,
ALBERT A. SMITH.

THE MANAGING WOMAN.

To be a good housekeeper is one of the most essential and useful accomplishments; and the man who secures for his wife one whose education in this respect has not been neglected, combined with a mild, confiding and loving disposition, has a most valuable treasure; and if his home is not agreeable and pleasant, he may be assured that the fault is with himself, and he does not possess the manly and gentlemanly attributes necessary for such a partner for life.

We commend the following just and truthful remarks to the attention of our readers:

"The managing woman is a pearl among women; she is one of the prizes in the great lottery of life, and the man who draws her may rejoice for the rest of his days. Better than riches, she is a fortune in herself—a gold mine never failing in its yield—a spring of pleasant water, whose banks are fringed with moss and flowers when all around is bleached white with sterile sand. The managing woman can do anything, and she does everything well.

Perceptive and executive, of quick sight and steady hand, she always knows exactly what is wanting, and supplies the deficiency with a tact and clearness peculiar to herself. She knows the capabilities of persons as well as of character. The managing woman, if not always patient, is always energetic, and can never be disappointed into inaction. Though she has to teach the same thing over and over again, still she is never weary of her vocation of arranging and ordering, and never less than hopeful of a favorable result."

[We find the above in one of our Eastern Exchanges, and we most earnestly commend our young men, especially young *Farmers*, to look about them and find this "Managing Woman" for their household; then they will have found the Pearl worth having.—Ed. Farmer.]

QUANTITY OF FOOD FOR WORKING MEN.—Individuals whose organs of digestion, secretion, and respiration are weak, need food different in quantity and quality from that of persons in robuster health. For every stage of life a certain mixture of food is fitted; and what we all consider as a matter of course for the infant, is, strictly speaking, applicable to every period of The evil is that every one has not the free choice of what he will eat; but by learning what is especially suited to his wants, or what is hurtful for him, he may help to lengthen his life a short while. The daily work performed by an individual bears relation to the mass of his muscles, and this depends on his nutrition in relation to his food. Two individuals with muscles unequally developed, cannot perform daily the same amount of work. A badly-fed individual has little muscular formation, and requires less food than one well fed. With the same quantity of food which would keep the badly-fed individual up to his weight, the better-fed man, with greater muscular formation, would lose weight. The English railway contractors measure the capacity for work of their men by their appetite.—*Western Firesides.*

—The highest mountain in the world is the Ivy Gamin, 20,459 feet. The highest peak in the world is Mount Everest, 29,002 feet. The highest permanently inhabited place in the world is Ladak, 15,117 feet. The greatest mountain height visited by man is beyond Ivy Gamin, 22,359 feet. The highest point at which a man can ascend, without having his health affected, is 16,500 feet. The highest balloon ascent yet made is 400,000 feet.

—For a young man who is thoroughly in earnest, farming offers a grand field for effort; but the man who is only in half earnest, who thinks that showy surroundings are the great object of attainment, will find that the results of his farming operations are not very encouraging.

—The Vicksburg *Telegraph* urges the resort to sheep raising as a business in Mississippi. The hills abound in Bermuda grass, and would afford pasturage to immense flocks.

Country Homes Wanted

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 160 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they call or communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

KIRBY'S COMBINED REAPER AND MOWER

WITH COMBINED SELF-RAKE AND REEL

TWO COMBINATIONS IN ONE MACHINE

This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good Mowers, there are very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose. In

"MONITOR"

Self-Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.

It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers the Pacific Coast, who are successfully using them this year, can testify.

The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.

We shall keep a large supply of EXTRAS of all kinds on hand.

The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self-Rake on it, than it is to carry a man to rake off, and the are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the

By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform then the Rake, of its own accord, will sweep it off.

This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the n the axle plate, where the joint or independent action is obtained.

This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.

TREADWELL & CO.,
Sole Agents for the Pacific Coast.

30-23—no1

TRUE'S
IMPROVED
POTATO PLANTER.

This is, undoubtedly, one o the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,
(SUCCESSORS TO L. B. BENCHLEY & CO.)
No. 3 and 5 Front street near Market,
SAN FRANCISCO,
IMPORTERS
—AND—
JOBBERS
OF
AMERICAN, ENGLISH AND GERMAN
HARDWARE & CUTLERY,
Agricultural and Mining Tools,
ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the
GERRISH
Submerged and Double Acting
FORCE PUMPS,
Patented by J. A. Morrell, October 29th, 1867.
THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.
Agents wanted for this Coast
County Rights for sale.
30-63m

M. C. HAWLEY & CO.,
105 FRONT ST.,
SAN FRANCISCO.

BUCKEYE
Mower, Reaper
AND
SELF RAKER

NEW YORK.
SAN FRANCIS
PORTLAND

THE BUCKEYE IS THE BEST MOWE
The Buckeye is the Best Reaper.
THE BUCKEYE IS THE BEST SELF-RAKING REAPE
MARCUS C. HAWLEY & CO
108 & 110 Front St., San Francisco,
SOLE AGENS FOR THE
BUCKEYE MOWER AND REAPE

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S
CELEBRATED SWEEPSTAKES THRASHE
ALSO, THE GENUINE
HAINES, HEADE
Manufactured at Pekin, Illinois. Also
Hollingworth's Wheel Horse Rak
The most Improved Rake in use.
M'CORMICK'S HAND AND SELF-RAKING REAPERS.
And a COMPLETE STOCK of
Agricultural Implements and Hardwar
MARCUS C. HAWLEY & CO
31-1-3m 108 & 110 *FRONT ST., SAN FRANCISCO.*

Horticulture.

OUR LADY CORRESPONDENT FROM PENN.

LETTER NUMBER THREE.

GREEN TREE, PENN., April 19, 1869.

Editor California Farmer:—

At last Spring is here. There is no mistake about it.

We have enjoyed a whole week of fair, sunny days, followed by several warm showers, and this morning the air is soft, the birds sing, and the meadows are clothed in vivid green; only the bare trees remind one of Winter, for the time of blossoms is not yet.

We have had a very disagreeable Winter—no snow to speak of, but an endless freeze and thaw, with excessively cold weather in March.

But that is over; old things have passed away, and we live in a new world, under a new reign.

It is years since I have passed an entire Spring in the country. It is so pleasant to watch the gradual waking up of nature from her long death-like trance of Winter.

I never tire of out-door pursuits; each day comes laden with fresh delight.

How beautiful are the brown buds! but they are not all brown. The haw tree is full of bright red buds, that look like little round berries; and on the beech trees instead of ordinary buds, I have found tiny fairy-like cigars, of a pale brown color.

Once in Winter, I recollect seeing a very beautiful spectacle—the trees were all cased in ice, and the buds, seen through this medium, looked like gems bedded in crystal.

But we have leaves too, now; the gooseberry bushes are full of bright green leaflets, and the lilac trees sport tiny turfs of emerald leaves that look like fairy plumes. And yes, flowers too—yonder old stump holds up a cluster of pale blue blossoms in the sun, the trophy of a wild wood ramble. For I have been to the woods a ready; you cannot imagine what a great event a first Spring ramble is with us frozen North folks.

But no flowers have yet ventured forth, except the Liver-leaf. This hardy little pioneer we hailed with delight, half hidden among the last year's leaves. They are lovely; some are pure white, others of a sparkling blue, but the majority are of a pale blue color, befitting the chilly season. Last year, at this time, I found wind flowers and blue violets.

Although flowers were scarce, we did not return empty-handed; our baskets were laden with ferns, lichens and violet roots.

Our woods are not worthy of the name; they remind one of a half-civilized indian—they are neither one thing nor the other.

It is a constant source of regret to me, that we do not live near a real forest. I saw one at the mountains one Summer—the grand, beautiful mountains! Shall I ever again behold them? It is true that "a thing of beauty is a joy forever;" it rests me even now to look back to those mountain days, all too brief. There for the first time, in the fragrant pine woods I saw the ghost flower, so unlike any inhabitant of the green garden world. And there too, I made the acquaintance of the trailing ground pine and the partridge berry, and many pretty things unknown in our lower latitudes.

But I did not intend to indulge in this retrospect.

I set out to tell you about my garden doings—I haven't the least doubt but what you think I do all my gardening on paper; but you are very much mistaken I can tell you. A hoe-handle is more often in my hands than a needle.

And I am not a bit afraid of a little rough digging. I have the entire charge of the asparagus beds, and I don't permit any one to come within ten feet of my grapevines. One fine day last week I worked seven hours in the garden, and sowing seeds was the very least part of what I did. A strong mind is a very good thing in man or woman, but a strong body is not to be despised when it comes to taking up bushes, and carrying wood-soil a quarter of a mile for flower beds. Not that I would deter delicate women from entering the garden; far from it. I would say to them, do not be afraid to try it; of course you must not attempt heavy work at first; you should confine yourselves to the lighter labor of the flower garden until you grow stronger, which you will very soon do if you exercise gently in the open air a great deal. But bless me! am I preaching again? It looks like it, decidedly.

I meant to have a little chat about flower seeds, but I fear it is too late. I have a little garden under glass, and I like to go out on bleak days and take a look at the "green things growing." It pleases me to think that it is Summer in their little world, and no matter how sharp the wind bites outside, they are safe and warm. But besides these tender things, I have an out-door garden of sweet peas, candytuft, sweet alyssum, and dwarf double flowered larkspur, the latter are just coming up. You needn't smile—Vick says that a bed of dwarf larkspur is as fine as a hyacinth bed, and he ought to know.

I wish you would send me some California flower seeds; something sweet and pretty, and I will think of you every time I look at the blossoms.

Yours Truly,

JENNY DARE.

—As the luminaries of heaven reflect from one to another their light and heat, even so it is that one human heart must reflect upon the other the genial glow of happiness and joy.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES.

ISIDOR LANDSBERGER,

30-12. 420 *Jackson Street.*

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867,

TO THE

Natoma Vineyard:

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-2

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Newest and Choicest Vines and plants known. The following varieties received:

Blackberries---THE KITTATINY. WILSON'S EARLY.

Raspberries---DAVIDSON'S THORNLESS. DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pound. GOLDEN QUEEN, magnificent. GREEN PROLIFIC, rare.

New Grapes---TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO

FARMER OFFICE

THE

EARLY ROSE POTATO.

THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER, a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Seedsman, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato.

WARREN & CO.

Farmer Office.

THE NEW

OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.

Farmer Office.

A CARD.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The near approach of the completion of that Grandest of all HUMAN ENTERPRISES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

We therefore invite all such who have valuable IMPLEMENTS, MANUFACTURES, INVENTIONS, BOOKS, PAINTINGS, etc. to the Columns of the CALIFORNIA FARMER, I will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop'rs.

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds New Brunswick Oats, by Mail, for	1 00
4 Pounds of Sweedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
1 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed or	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1 50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.

FARMER OFFICE.

COMMERCIAL STEAM Printing House.

The Largest Office in the State.

No. 517 CLAY STREET,

510, 512 & 514 COMMERCIAL ST.

FRANCIS & VALENTINE

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,

(Of the firm of Hucks & Lambert.)

No. 708 Lombard street, North Beach.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

WARREN & CO.,

tf Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,

Can obtain SUPERIOR SEED at the

FARMER OFFICE.

Miscellaneous.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA,

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term,

ONE HALF OF THE VINEYARD

Will be deeded the Lessee for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence, on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most easonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,

432 Montgomery Street,

$1-3 Third floor

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as product of the extensive Orchards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31- EDITOR FARMER.

G. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER."

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00

" " six months,.....3 00

When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00

do twenty,..... 75 00

do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends; and to all who shall interest themselves we shall be ready to fully renumerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.

or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,

FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....MAY 13, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street.—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mail, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

Our readers as well as ourselves have undoubtedly for the last two weeks been happily engaged in the joyous event of the Completion of the Pacific Railroad, and are now looking forward and preparing for Great Results, which are sure to follow.

It will be seen we have occupied a large space this week in publishing the doings at Sacramento, as we believe it our duty to preserve these important histories.

As an old Sacramentan, we could not be any where else on that day but at Sacramento, that we might *Witness her day of Triumph*, and although we had kind and pressing invitations *To the Front*, and should have been glad to have been there; we could not forget Sacramento, and we *did enjoy* what we saw, and for the many courtesies we received *personally*, from many old friends, we tender our heartfelt thanks.

We shall never forget that Day.

We are obliged to omit much that we desire this week, but we shall find room in our next for many pleasing incidents of that day, long to be remembered.

Railroad Celebration in San Francisco.—We shall make it a duty in our next to give some of the most important events of the Celebration in this City, which we cannot do this week.

This Number.—Our Home Department contains much that should deeply interest "Wives" and "Mothers." *How to Live*, and the proper care of children should be their study. This will secure them greatest happiness.

Jenny Dare's Letter is full of interest. She shall have the *Flower Seeds*, and the Flower *buds*, too, viz. Pacific Railroad in *one week*.

STRAWBERRIES.—Oh! what a subject to write upon in a hot day; when we say that over *One Hundred tons of Strawberries* has come into our City in one week; that over twenty-two tons come to town in one day, who would not call this the "Strawberry Land." Let "Jenny Dare," our correspondent in Pennsylvania read this and then talk of the frozen north—talk of strawberries by *the quart* will you Jennie, *we* talk of them by the *Ton*, and they are sold on our streets at a bit a quart.

This is a land of Strawberries and Cream.

HAY CROP.—Some persons think the Hay Crop will be cut short by reason of the recent hot weather. It may be that some places may be affected, but there is no fear but that we shall have all that is wanted and enough to spare—croakers to the contrary notwithstanding.

G. O. WHITNEY & CO'S FURNITURE WAREHOUSE.

HOW TO WRITE EASY.—We called at the new Furniture Store the other day, and in looking over the hundreds of *new* and choice kinds of *Rich Furniture*, we noticed a new style of Table, called a "Library Table," which for convenience and economy of arrangement and style we have never seen equalled. We also noticed a new style of Couches, Easy Chairs, and Rich Parlor Setts, different from any before imported or made here and of surpassing richness, elegance and beauty.

We were pleased to find also in the Partner of Mr. Whitney, an old Bostonian, who we know will be glad to see his old Boston Friends.

Mr. Kimball, long known in Washington street, Boston, should have a host of Bostonians call to see him, and he can show them one of the richest assortments of Furniture ever displayed on this coast.

Bostonians should remember Bostonians.

TRIUMPHANT COMPLETION OF THE PACIFIC RAILROAD

CELEBRATION AT SACRAMENTO.

Now that the sound of BOOMING CANNON is hushed, and the PEAL OF BELLS has ceased; now that the HUZZAS of countless thousands with their echoes over mountain and valley has died away like the strains of pleasant music, and now that the mass of our people can stop to reflect upon the Grand results which has caused such vast rejoicings over our State within the past week, we shall all begin to see and feel the full value to *Our State, to Our Country*, and to the *World*, the boundless good which has been achieved for us all by the Grand, Triumphant and Gloriously successful

COMPLETION OF THE PACIFIC RAILROAD.

May the 10th should indeed be a *Red Letter Day* for California, as was so very appropriately said by the Orator at Sacramento.

It was a Proud day for Sacramento, and her faithful Citizens felt it was truly so, and never yet, for long, long years, has Sacramento ever looked so well, or had cause to *Rejoice without fear*, as on that memorable day, when she sent up to Heaven such a Chorus of Glad Rejoicings, from Cannon, Bell, and Steam Whistle, and from glad Huzzas, such as was never before heard on Earth.

When we stood amid that Vast throng of more than *Thirty Thousand people*; as we looked up the long streets of this Redeemed City and saw the Miles of living green, and the breathings of bright flowers, we could hardly repress our own joy; we had always looked forward to this *Day of Triumph*, and knew it would come; but when the Cannon announced the *Great Event*, when it was known that Gov. Stanford had given the final blow that completed this Noble Work; as the thundering Cannon spoke, and Bell upon Bell pealed, and the Steam Whistle joined in the shouts, our own wish was that the spirit of *Beethoven* might come to our Earth and catch up the spirit of this Grand Chorus and give us in *Music Notes* its Grand Completion.

Proud! Proud! Proud Day for Sacramento—Queen City of the Plains. Thou hast nobly battled with misfortune for Twenty years, but Victory has crowned thee at the last, and thy Day of Triumph has come.

Proud day, too, for those Brave *Sacramento Pioneers*, the President and Directors of this Great Work, who can now sit down in joy and thankfulness and feel that they too have conquered, and Victory is theirs, and as they review their six years of toil, anxiety and cares, although amid unprecedented trials, yet they can feel and know their purpose was firm, their cause a noble one, and now that the Goal is gained, they can with truth say,

"One self approving hour whole years outweigh
Of stupid starers, and of loud huzzas."

Yes! and they can say also,

"Who does the best his circumstances allows,
Does well, acts nobly—Angels could no more."

All Honor then to those who have now achieved the Work. Due Honor, also, to Sacramento, and to her Citizens who so Nobly and Generously responded to Commemorate the day, for the whole plan was most admirably conceived, most judiciously carried forward, and most triumphantly completed, reflecting due Honor upon all who were connected therewith.

Never was a city more appropriately decorated or more gaily dressed, and never did the Inhabitants of a city enter into a Jubilee with more heart and soul, than the Citizens of Sacramento on this occasion, and well they may, for this Grand Triumph is indeed the Work of *Sacramentans*, and they deserve and will have the Honor of it, and justly, too.

We were indeed glad to see this day of Prosperity coming to our "Old Home" where we ourselves suffered by *Fire* and by *Flood*, yet we have ever had faith of this coming day of Prosperity, and we rejoice we have been permitted to live to see the fulfillment of our prophecies and of our wishes.

The Preparations made by the Citizens for their Guests were on the most liberal scale, Sumptuous Tables were prepared at the State House for the Authorities and Guests in Procession, the Military, the Pioneers made sumptuous preparations also; the Odd Fellows and the Masons, and other Societies, and private Citizens, all were prepared; there was a "Feast of Fat things," and all hearts were made glad.

The Procession was immense, occupying hours in its course, and presenting a handsome appearance. Banners and Mottoes were placed along the streets, typical of the past and present, and all most appropriate.

When the head of the Procession was at the Capitol, in countermarching, the rear of it could be seen crossing and recrossing streets far back as Front street. This, with the many Bands of excellent Music, the ringing of Bells, the frequent cheering, and the greeting and waving of kerchiefs from private dwellings, made it truly a Joyous day.

The Address of Gov. Haight was a most admirable one, completely suited for so memorable an event, and so important that we have felt it a duty to give it entire in our columns.

We have also placed in our columns the entire *Prayer*, by Rev. J. A. Benton, the Pastor of the First Church in Sacramento in early days, (he too, an early Pioneer.) The Prayer was fervent and justly suitable for Public Men in great public enterprizes, and for all, and feeling it to be specially worthy of preservation with the history of this event, we have thus presented it.

The Odes we have also published, excellent and fitting to commemorate this happy event.

The immense throng that lined the streets, the Procession, Civic and Military, with the people, must have numbered Thirty Thousand, and yet no no event happened to mar the happiness of the day.

We can truly say, we have never witnessed a public gathering, so full of the genuine spirit of true Happiness, as that which celebrated the great event at Sacramento last Saturday.

REFERENCE FOR THE DEITY.

One of the most satisfactory features of the most excellent order of the Exercises, was the very Reverend and appropriate Recognition of GOD, as the source of all our success and prosperity, both in the Address of our Chief Magistrate, and in the Beautiful Prayer of the Chaplain, thus sealing the great Truth that *Men* are but the humble instruments of His will in the accomplishment of all good purposes.

It was a day that will never be forgotten.

But will long be remembered,
With Pride and with Joy,
As a day marked with Triumph,
Without a shade of alloy.

When the Procession returned to the great Freight House on the Levee, his Honor, the Mayor presided, and after appropriate remarks in commemoration of the Occasion,

Rev. J. A. Benton addressed the Throne of Grace with the following

PRAYER.

Almighty and eternal God! who hast flung suns and systems into space, and hung our world amid the stars of light, Thee we worship and adore; in Thy being and person we rejoice, as the high and mighty Ruler of the universe which Thou hast made. Thy providence is continually in force among all Thy works and Thy creatures. Thou makest Thy pavilion round about the dark waters and thick clouds of the sky; Thou ridest on the wings of the wind; Thou hast Thy way in the sea, and Thy path in the great waters; Thou buildest continents and islands; Thou scoopest valleys; Thou settest fast the mountains, being girded with power; Thou scatterest the hoar frost like ashes; Thou castest forth Thine ice like morsels; Thou givest snow like wool; Thou sendest forth Thy word and meltest them; Thou causest the wind to blow, and the waters flow; Thou coverest the heavens with clouds; Thou preparest rain for the earth; Thou makest grass to grow upon the mountains! Great is the Lord, our God! His understanding is infinite; He sendeth forth his commandments upon the earth; His word runneth very swiftly.

Thou, O Lord, art He "that canst bind the sweet influences of the Pleiades, and loose the bands of Orion; Thou sendest lightnings that they may go and say unto thee 'Here we are;' Thou hast put wisdom in the inward hearts, and Thou hast given understanding to the heart;', Thou didst create man in thine own image, and didst give him dominion over all Thy works. From age to age Thou hast led him to discovery, and inspired him with the knowledge of witty inventions. After centuries of human progress, we who now live have come upon the globe into the midst of an advanced and Christian civilization. We have entered into the labors of the great and good of all the generations of men. The lines have fallen to us in pleasant places; yea, we have a goodly heritage. We enjoy the manifold triumphs of art, science, skill, industry, wealth, enterprize and power.

We are met this day, O God, under the favoring smile of Thy providence to celebrate one of the grand achievements of our time. With the general acclaim of this great multitude, we give Thee thanks for the wonderful work which Thou hast enabled Thy servants to accomplish. We bless Thy holy name for the many successes and abundant triumphants accorded to those who, on this spot, a few years ago, inaugurated the greatest enterprize of our age. We bless Thee for the conferring aid and generous encouragement of the Government and people of this free Nation, of this young State, and these enlightened communities. And while we joy with all who rejoice over this vast achievement, and indulge in pleasing visions of the years of fruition, which now begin; help us devoutly to acknowledge our dependence on Thee, and to trust humbly in Thy goodness, grace and love.

In these days, and among us, Thou, Eternal God, hast caused to be fulfilled again, in another form, the prophetic mandate of old, "Prepare ye the way of the Lord; make straight in the desert a highway for our God. Every valley shall be exalted, and every mountain and hill shall be made low, and the crooked shall be made straight, and the rough places plain. Cast ye up, cast ye up, prepare the way; take up the stumbling block out of the way of my people." And across the breadth of this continent it shall come to pass "that the chariots shall be with flaming torches, and the fir trees shall be terribly shaken; the chariots shall rage in the streets; they shall jostle one against another in the broad ways; they shall seem like torches; they shall run like the lightnings."

We are glad, before Thee, that the remotest parts of the land are tied together with bands of iron, over which the waves of the world's great oceans may murmur to each other; that "the way of the Kings of the East has been thus prepared," at length; that a new track for the world's travel and commerce has been opened; that the facilities of intercourse with this our Pacific Empire have been suddenly and surprisingly enlarged; that a way of easy and rapid transit to the scenes of our early years has been opened; that our long isolation from many of the older seats of life, culture, and power, has ended; and that the prayers and toils of eventful and wearing years have been rewarded in this glorious consummation.

Be pleased, we entreat Thee, O Lord, to make this great highway of our nation, and of all nations, a great blessing to our National Union, to this State, and to these communities. Over these rails of commerce, roll Thou, also the car of thy Salvation. Speed the coming of the kingdom of Thy Son; and hasten the day of the redemption of all mankind. May all the affairs of this great railway be administered wisely and honorably, in the spirit of justice and benevolence. Smile Thou upon the officers and members of this now powerful corporation. May all of them have a fitting sense of the great responsibilities they bear. May they all seek that wisdom from God which is profitable to direct. And may they all be crowned with Thy goodness in this life, and with the rewards of well doing in the life to come.

Bestow now Thy blessing on us, and on all this assembly; may the exercises and festivities of the occasion be pleasing, profitable and memorable. May all go hence to a sweeter and more faithful discharge of the duties of their various callings and stations. May all now praise Thee, and go hence praising Thee.

For this event, for this day, and for this scene, we call upon our souls and all that is within us to praise Thy glorious name, O God! We call upon the people of our Coast to Praise Thee. We call upon them that dwell in every land to praise the Lord. "Praise the Lord from the earth, ye dragons and all deeps; fire and hail; snow and vapor; stormy wind, fulfilling his word; mountains and all hills; fruitful trees and all cedars; beasts and all cattle; creeping things and flying fowl; Kings of the earth and all people; Princes and all Judges of the earth; both young men and maidens; old men and children; let them praise the name of the Lord, for His name alone is excellent; His glory is above the earth and heaven. Praise Him for His mighty acts; Praise Him according to His excellent greatness. Let everything that hath breath praise the Lord!" "Now unto the King eternal, immortal, invisible, the only wise God, our Savior, be glory everlasting! Through Jesus Christ, the Redeemer. Amen, and Amen!"

The following beautiful Ode was sung by the whole Audience.

ODE.

BY LAUREN B. CRANE.

Through toil built mountain gates,
We come, O Sister States!
With hymns of praise;
Where white Sierras rise,
Where green plains face the skies,
We grasp the victor's prize,
To crown our days.

The wild, grand march is done!
The guarded ways are won
From sea to sea!
We see His mighty Hand
Now clasp this iron band
To grace our matchless land,
Where all is free!

Glad be the song we sing!
Columbia's Harp we string
With iron chords;
Swift shall grand music sweep
Round thrones beyond the deep,
Till tyrants kneel and weep,
Or grasp their swords!

Our Nation, pure and free,
Give thanks, O God, to Thee,
For wisdom taught!
No grim war-harness mars,
Not one slave fetter scars
These iron music bars
Her sons have wrought!

The Poem and many other interesting details of this interesting event we shall give next week.

ADVENT OF PACIFIC RAILROAD.

[We are most happy to lay before our readers a very excellent and appropriate Poem, to commemorate the Advent of the *First Locomotive* that makes the Grand Tour from Sacramento to New York.

Our Correspondent Agnes, being herself an Early Pioneer, is indeed most eminently qualified to Herald this Great and Grand Event, and her words and thoughts are most truly fitting for this occasion.

We publish the brief note that accompanied the Poem, and we feel honored with such a Poem for the Farmer.]

Home Valley Ranch, May 1, 1869.

COL. WARREN—*Dear Sir:*

I do not know that you, amid the general rejoicings, can find room for so weak an expression of *Welcome* as I have tendered to the First Overland Locomotive; but having a very clear remembrance of a long and toilsome march over this same route in early years, I can but express my Joy that better times have come.

WELCOME TO THE FIRST LOCOMOTIVE.

WE GREET THEE Thou Fire Breathing Steed of the Rail
Thy pathway completed, thy Advent We Hail!
Thou hast sped from afar, over mountain and plain,
Where but now the rude Savage unquestioned did reign;
Where the Bison and Antelope roamed in their pride,
By Cliffs which look down on the *"Platte"* turbid tide.
Thy *track has been builded* with Wisdom and Toil,
Such as may not from obstacles ever recoil,
When the *Good* of a *Nation* is urging them on,
Or a Goal like the present awaits to be Won.
Shall an Empire lie waste in its savage repose?
Or the Wilderness put on the Bloom of the Rose?
Shall *Millions of acres of land be untilled?*
While the earth is with millions of Homeless ones filled?
Or shall it by myriads of *Freemen* be trod,
Till it all becomes fair as the *Garden of God!*
Let the brave sons of toil find a Home and find Bread,
Where the broad fertile plains are luxuriantly spread;
Let the Eagle, brood o'er them in peace like the Dove,
Our Hearts bid them Welcome with Brotherly Love;
Thus teaching the Savages *lessons of Peace*,
Which may cause *strife and carnage* forever to cease;
For, example if good, e'en with them may prevail,
Where unpracticed precept most surely will fail.
The Sword and the Rifle *too long* have been tried,
To subdue the rude savage's untamable pride;
And the tribes who now roam o'er broad Western Plains,
Find still only *bloodshed* and *enmity* reigns.
Then now, let the *Ploughshare* and *Pruning-hook* come,
With the pleasures attending a *Civilized Home*;
Then e'er long all the *Strife* and *Destruction* will cease,
And thy Advent will herald the *Advent of Peace.*
Then *Speed on thy mission* from Mountain to Sea,
And the glad shouts of Millions thy Welcome shall be.

AGNES.

Eastern Correspondence.

THE CENTENNIAL LETTER.

LETTERS FROM AN OLD CALIFORNIAN IN THE EAST.

NUMBER ONE HUNDRED.

[*Our Centennial Letter.*—We herewith publish the One Hundreth Letter from our highly esteemed and most excellent Correspondent in New York, M. A. S.

We think very few Journals can boast of a more constant Correspondent, or one whose consecutive Letters can all be referred to, to the number of One *Hundred*, and all be found to be of so high order of merit, and comprising so many and varied subjects of interest in Literature and Science, and in Politics, Morals, Philosophy, and Social Life, and yet all marking a gifted mind and a pure heart.

We feel particularly proud to place this *Centennial Letter* in our columns the same week that we record the Triumph of the Pacific Railroad. An auspicious omen, we trust, for by this great work we hope soon to welcome to these shores our Friend and Correspondent again.]

NEW YORK, April 5, 1869.

Editor California Farmer:

EASTER SUNDAY SERVICES.

Easter Sunday was celebrated in the Episcopal and Unitarian Churches in a style of unusual magnificence. So determined a sight-seer as I am, would not miss looking into as many of the churches as possible. I heard a portion of Dr. Bergé's new mass at St. Stephen's, glanced at Dr. Osgood's, crowded into Dr. Ewers, and got just in time to hear some of the music at Dr. Chapin's. The crowd of people at St. Stephen's alone worth looking at. Not a place outside the altar railings was unoccupied, and the crowd overflowed into the corridors and out into the street (the vast edifice extends from 28th to 29th street). The music was unusually well performed even at St. Stephens. The mass is a very showy one and gave a fine opportunity for both the vocal and instrumental performers to distinguish themselves which they did in truth. After nearly fainting with the heat, I walked up to the church of the Messiah where I heard some delightful music, and enjoyed the exhibition of rare flowers. Then went to Christ Church where I was just in time to hear the Easter hymn, sung by a choir of selected soloists. This church has been splendidly frescoed and is alone worth a visit. Dr. Ewer was very eloquent and I could hardly tear myself away, but my mania for sight seeing conquered and I left in time to hear the music at Dr. Chapin's. It was very tame after the performances I had heard, but I was charmed with the flowers which made the church look like an enchanted palace.

The day was bright and cheerful, and the ladies looked unusually handsome even in the bright truth-loving sunshine. Their dresses, bonnets, etc., reminded me of the theatre—one to walk down Fifth avenue on Sunday can easily fancy themselves surrounded with the ladies of the ballet, without drawing upon the imagination much either.

THEATRES AND OPERAS.

Easter Monday brought extra attractions at the theatres, and the daily papers say they were worth seeing. I have witnessed the Tempest at the Grand Opera House, which is superbly presented. The applause, I noticed, curiously enough came in most appropriately from the "gods." Shakspeare, if he were alive, would have no reason to murmur at the want of appreciation in the American Paris. Romeo and Juliet magnificently performed at Booth's Palace—Much Ado About Nothing perfectly represented at cosy Wallack's. Hamlet wretchedly done at the New York Theatre to fair houses, murdered at the New York Theatre where empty seats attest the punishment of the offenders—and the Tempest, as I have said, splendidly mounted at Prince Erie's Fairy Temple. The Grand Opera House was crowded the night I was present, and Mr. Fisk will evidently be repaid for his outlay. "Young Edwin" is to bring out Romeo to next week, and rumor says, in a style every way superior to Romeo and Juliet. This seems almost impossible. I hope you will all welcome Lester Brougham; he is a Prince of Good Fellows, apart from the fact of his being one of the most accomplished men of the day and a first-class actor.

NEW YORK VS. PARIS.

A French lady in speaking of New York the other evening said to me, and not out of compliment either, "New York is a brilliant city, I assure you we find as much to amuse us here as in Paris, our city of luxury."

I regret very much as all well meaning people must do, that while New York rivals the Capitol of "La Belle France" in so many admirable ways, she pets that insult to purity and good taste the Can-Can. In Paris, we are told, at the infamous Mabille it is vulgarity polished and refined, in New York, it is simply a rude Cyprian exhibition, without any polish at all—simply stark naked obscenity.

REAL ESTATE.

The excitement in Real Estate has subsided. Buyers are divided in opinion as to its future course. I think that prices will yet continue to advance along the Hudson, and particularly in the neighborhood of the Park. Business is rapidly taking possession of the Fifth avenue, and the wealthy are already looking out for sites in the future West End. A reaction is sure to take place however in other localities. There is no good reason for such a rapid increase—thousands of people will move out of New York this May to avoid unnaturally high rents. This will be sure to affect Real Estate which has no Future before it. M. A. S.

HAIN.—We call attention to the advertisement of this celebrated Wine. We have used it in our family for years, and can recommend it as a pure article. Mr. Hain has been long known as a Wine Grower, and his Wines have always been of the best quality.

[CONCLUDED FROM PAGE 121.]

vantages and attractions to the people of the Eastern States and Europe far beyond those presented by any other State or Territory. Who will set limits to its progress, or paint in fitting colors the splendor of its future?

When we reflect upon what has transpired during the twenty years that are past, isolated as the State has been, what will be its progress during the twenty years that are to come? Extrinsic causes, of course, may influence our destiny for good or evil. Mismanagement at home or at Washington, profligate public expenditure, foreign war, and unwise legislation, famine and pestilence may, at times, retard our progress, but if the people of California are true to themselves, this State is destined to a high position, not only among her sister States, but among the commonwealths of the world.

What is to be her future in the useful arts with the popular intellect trained and developed by a complete system of general education; in the fine arts, when the exquisite tints of her landscapes and sky, and the stupendous scenery of her mountains are transferred in glowing colors to the canvas, and the sculptor's genius chisels into forms of beauty the marble of her quarries; in commerce, when trade is freed from its shackles; when her ships visit every shore, and her merchant princes control the commerce of this great ocean and the populous countries upon its border; in manufactures, when our silk and woolen goods, by their superior quality, displace the fabrics of older nations; in agriculture, when our wine and wheat are as eagerly sought after as our gold and silver; in science and literature, when institutions of learning of the first order afford every facility, and accumulated wealth secures leisure for scientific and literary pursuits?

In answer to these questions, we might be charged by our Eastern brethren with blind partiality and exaggeration. We are content to leave the answer to time.

The day is at hand when a more splendid civilization than any which has preceded it will arise upon these distant shores. A vast population will pour into this Canaan of the New World. Already we hear the hum of preparation in every quarter. Already we listen to the tread of the advancing hosts. From the North, East and South, from the Lakes to the Gulf, the swelling tide of population will gather volume and pour in a mighty tide across the continent, bringing to us the youth, the enterprize and energy of the older countries in search of adventure, of freedom and of riches on the shores of the Pacific. Tourists will be attracted by the most sublime scenery on the continent, and thousands will come to repair physical constitutions racked by the extremes of climate, the inclement air, and the miasma of the States east of the mountains.

These words may seem boastful to our brethren at the East, but we know whereof we speak, and in simple truthfulness can say no less. One reminiscence more before I close. The 14th day of this month terminates the first century of the occupancy of this State by the white race. One hundred years ago, on that day, the first settlement of white men was made within the borders of California. A party of immigrants then arrived, not in a luxurious passenger car, whirled along the dizzy hights and profound gulfs of the Sierras by a ponderous engine, waking the echoes of the mountains with its roar and rattle, but lead by a Franciscan friar, not in quest of gold or office, or of a more comfortable home, but stimulated by religious zeal and bearing the standard of the cross. After a laborious and painful journey overland through Mexico, Father Juan Crespi arrived at San Diego on the 14th day of May, 1769, one hundred years ago. Father Junipero followed, arriving on the 1st day of July of the same year.

It seems singularly appropriate to signalize the centennial anniversary of the settlement of California, by the completion of this crowning work of Saxon civilization, which links together in iron bonds the two great oceans of the world, and carries California at one bound into the centre of the great family of nations.

If after the lapse of this hundred years the good friar could awake from his slumber and revisit the scenes of his self-denying labors, with what speechless amazement would he gaze upon the transformation wrought on these shores since his day. It is doubtful, however, whether the changes of the past hundred years, amazing as they have been, are more wonderful than those that will occur within the hundred years to come. Where is the fancy adventurous enough to conceive the changes to occur before the ceaseless course of time brings the second centennial anniversary of the settlement of California?

In conclusion, however, some things must be borne in mind, if we expect that prosperity which seems to gild with its rainbow of promise the horizon of our future.

Railways and telegraphs are potent civilizers, but these alone will not constitute or conserve any State—much less a free State. Corruption and vice can travel on railways with as much ease as in stage coaches. California may have all the facilities of travel and intercourse, and its people accumulate wealth beyond the dreams of avarice, and yet be miserably poor in all the higher elements of solid and enduring happiness. What the moral character of the future population of this State is to be, depends largely upon the generation which is living to day.

When we contemplate the magnitude of the destiny in store for our noble State, let us realize that we must ourselves furnish to those who are to come after us that lofty example which we wish them to follow. We must set our faces like a flint against corruption in high places as in low ones—in legislative halls and primary Conventions. We must make no compromise with gilded dishonesty. We must refuse to recognize two codes of morals, one for private and a lower one for political affairs.

Above all, we must recollect that the only basis of morality is religion—that no people who are unmindful of their obligations to their Creator can permanently prosper. That no amount of material wealth can compensate for the decay of public and private virtue; and whatever our religious convictions may be, or whatever forms of worship or tenets of faith our judgements approve, while we obey the calls of patriotism and render unto Cæsar the things that are Cæsar's, let us be careful to "Render unto God the things that are God's."

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

Agriculture of Massachusetts.—We have been favored with the last Edition, second series, of the *Agriculture of Massachusetts*, a valuable Book of over 600 pages.

This Volume is Elegantly Illustrated, containing a splendid view of the Massachusett Agricultural College at Amherst, with all the buildings connected with this College, now one of the most flourishing Agricultural Colleges in our country.

The other Illustrations are "Gray Eagle," a Thorough-bred Stallion, the property of W. W. Chenery, Esq., of Belmont; the Caraman, or *Fat-tailed sheep*, remarkable animals.

Also other noble Horses and Durham Stock, together with interesting and valuable Reports of Committees, relative to the College and its progression, and Reports upon Agricultural matters, all of great interest, and admirably arranged under the skillfull pen of Hon. O. L. Flint, the accomplished Secretary of the Massachusetts Board of Agriculture.

New Works Received.—We have the following the past few days. Our crowded columns prevent a more extended notice.

Wood's Household Advocate, Published at Newburgh, N. Y., by J. S. Wood, a 16 page periodical, devoted to Knowledge, Virtue, and Temperance. The specimen copies sent us promise well.

Aid to Railroads.—We have the Publication of the Report of Senate Committee, on the Policy of Extending Aid to Railroads on the Pacific Coast by the National Government. We shall speak more on this subject.

Pacific Medical and Surgical Journal.—This excellent publication, Edited by Dr. Henry Gibbons and Son, maintains its high character, and is constantly adding to its fame by valuable subjects published therein.

We have many Books, Letters, Parcels, etc. to notice, which must be laid over to our next issue, by reason of want of space to notice.

ARRIVAL OF REV. I. S. DIEHL.

We gladly welcome again to the golden shores of the Pacific, the well-known Philanthropist, whose name stands at the head of this article; whose letter announcing his coming we published three weeks since.

Mr. Diehl has been absent from our State, now, ten years, and has visited a large portion of the Eastern world, and has stored his already gifted mind with much that is of great interest of the realms of Eastern Asia, and the Holy Land, of Bible History.

Mr. Diehl arrived at Sacramento, yesterday morning, at 5 A. M., on the special train, and on the *first train through from Omaha*—being just *four days* traveling time from Omaha.

The many friends of the long-absent will gladly welcome his return, and hope, ere long, to have his account of the wonderful lands by Public Lectures.

New Advertisements.

LAKE

VINEYARD WINE

COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade-mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

We respectfully solicit your patronage. Yours, truly,

The Lake Vineyard Wine Co.

Corner Broadway and Battery Streets,
May 1st, 1869 San Francisco.
31-16

CRANBERRY PLANTS BY MAIL. Enclose 50 cents per 100, and send for Circular. OIL PAPER. 6 cents per sheet by mail, $4 50 per 100 sheets; size 24 by 36 GRAFTING-WAX, for Nurserymen and others, highly recommended, and at satisfactory prices. P. TROWBRIDGE,
31-16 1mo Milford, Conn.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

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These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

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The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

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Garden Seeds.

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AT THE OLD STAND, CORNER OF

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CLIPPER MOWER!

"The Best Mower in the World!"

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The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

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31-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

Home Miscellany.

THE THREE LITTLE CHAIRS.

[The following touching, tender and beautiful poem was written by Mrs. H. T. Perry for the *Evangelist*.—There must be solace indeed, to every Parent who has ost loving children; such memories, and such remembrances will always heal the wounds death has made. —*Ed. Farmer.*]

They sat alone by the bright wood fire,
The gray-haired dame and the aged sire,
Dreaming of days gone by;
The tear-drops fell on each wrinkled cheek,
They both had thoughts that they could not speak,
As each heart uttered a sigh.

For their sad and tearful eyes descryed
Three little chairs placed side by side,
Against the sitting-room wall;
Old-fashioned enough as there they stood,
Their seats of flag and their frames of wood,
With their backs so straight and tall.

Then the sire shook his silvery head,
And with trembling voice he gently said—
"Mother, those empty chairs!
They bring us such sad, sad thoughts to-night,
We'll put them forever out of sight,
In the small dark room, up stairs."

But she answered, "Father, no, not yet,
For I look at them and I forget
That the children went away.
The boys come back, and our Mary too,
With her apron on of checkered blue,
And sit here all day.

Johnny still whittles a ship's tall masts,
And Willie his leaden bullets casts,
While Mary her patchwork sews;
At evening time three childish prayers
Go up to God from these little chairs,
So softly that no one knows.

Johnny comes back from the billowy deep,
Willie wakes from the battle-field sleep,
To say a good-night to me;
Mary's a wife and mother no more,
But a tired child whose play-time is o'er,
And comes to rest on my knee.

So let them stand there, though empty now,
And every time when alone we bow
At the Father's throne to pray,
We'll ask to meet the children above,
In our Saviour's home of rest and love,
Where no child goeth away."

HOW TO LIVE.

[The following most excellent essay we find in the Massachusetts *Record*, as being "A Fragment of Nora's Diary." We like this *fragment* so well, we desire more of the same food, as it contains the very *germs of true life*.—Ed. Farmer.]

I wonder what people are thinking of, or whether they think at all, who make up a diary out of the hard, bare facts of a bare prosaic life! Of what earthly or unearthly use for me or any one else, to state that I rose at five in the morning, swept the house, skimmed and strained so much milk, got breakfast and had it on the table precisely at six, and then to add the items of washing, baking, picking up chips, scrubbing, dusting, and setting the house to rights generally?

This was a wholesome and necessary duty, cheerfully performed, because of that necessity; but why should I make a note of it? The inmost was not in these things. And if the inspirations of these busy hours could be written, how much more of the beautiful in human life would be found in its humbler walks.

It is a mistake to suppose that the affections, tastes, and intellect must go entirely uncultivated unless one can command elegant leisure and refined luxurious surroundings.

Nature's sublime mysteries as well as her loveliness, and picturesque grandeur, is an open store house to all. The key that unlocks her riches and delights is of that undimmed gold of spiritual excellence that wealth may possess but cannot buy.

That one who possesses but a square rood of mother earth may see as far into the summer blue of Heaven, the sublime ether that stretches far, far out into the ungrasped, uncomprehended Universe of countless worlds, as another who can boast of lordly possessions.

I pity that one who is condemned by hard necessity to a life of hopeless drudgery, when the inner nature is hungering and thirsting and crying out for its proper nourishment wisdom and knowledge. But I pity more that one who has no soul needs, whose treasures are all of this world, worldly.

What though this body rest at last in a rosewood casket, canopied with richest velvets and satins and spangled all over with silver and gold, if it awake on the other side poor, wretched, miserable and naked?

Over the way the man of God who breaks unto this people the bread of life, is swinging his axe in the slant rays of the morning sun that shimmer and sparkle all over nature's snowy winding sheet. He believes in 'working with the hands' as well as in the intellectual and æsthetic culture. Most likely the early morning hours were given to the kindling of those inner altar fires, that burn out so brightly in his weekly ministrations.

Ah, me! I sometimes think I might be inspired *too*, even to write a sermon, if only that clear day leaf might be written upon before it was soiled with the weariness of toil and grosser cares.

What's the use in wading through a sea of speculation that have been coming down to us from the days of Adam, in order that we may more scientifically, dogmatically, and approvingly, set home to the people the naked truth, God's truth, free and bounteous, 'without money and without price.' Not but it is well and profitable to study the past and learn from it lessons of wisdom, but is there not too much feeding upon it to the rejection of the ripe, luscious vitalizing truths of to-day? God gives to all times and seasons an overflowing abundance of Heaven's best gifts, if we will but reach forth our hands to pluck them. To-day—at the present time—the Earth teems with a glorious harvest of blessings to man.

Now I am quite sure I should like to write sermons, if only I had the time and ability, and yet I am quite as certain I never could abide any set rules or fixed systems of theology.

I have a theory that before we cut too sharp angles of faith, or locate too positively the centre and circumference of all truth, that it would be modest to take a few steps up that ladder that leads to Heaven, and on which Jacob saw the angles ascending and descending.

It sometimes seems to me that just in proportion as a theological dogma is hard to be understood, it is insisted upon most stenuously; and where there is the greatest difference of opinion among thinking people, then you are told lies your greatest danger if you don't see with a particular pair of eyes.

"What think ye of Christ" has been a vexed question for eighteen hundred and sixty-nine years. Now instead of quarrelling about it and spending our precious time in wordy controversy, would it not be better to practice those blessed principles of love and good will to humanity which made Him a homeless wanderer on the face of the earth? Christ says, "Follow Me." If I were a spiritual adviser, and one was in doubt as to the exact status of Jesus the Christ, I should say, walk as He walked and you will be surely taught of that subtler sense of Him that belongs to the higher, the purely spiritual, and which flesh and blood cannot reveal. If you have His spirit, you are safe. If you have not His spirit, you are none of His, though you cry "Lord, Lord," till you are grey and blind.

Where's the good of determining beforehand just now high He is to be placed to be looked at, when we prove the exact measure of our faith by our works.

He certainly and truly enthrones Him highest, who bears about in his daily life the surest tokens. What need to make your faith a wordy fixity?—Live it, so shall you honor that Name that is above every Name.

SPRING DISEASES.

Reader! have you a mite, one solitary atom, of common sense? If you have, be persuaded to make a healthful use of it and commence on the instant. As soon as Spring begins to set in, almost everybody has more or less a feeling of lassitude; there is less buoyancy, less of an appetite, less disposition to exercise; some are so indisposed that they have to keep in the house, and numbers take to their beds. All this is your own fault; it's because you have got no sense, not a particle; or, if you have, you do not make use of it. You can readily understand that now, as the weather is warmer, you do not require as much fire in the house; and may be you are wondering why the servants will persist in making the house hotter now than in the depth of winter; they are only burning as much fuel now as in mid-winter, and they have not the sense to know this, or at least they do not care to think. The human body is a house to be kept warm; and, to be in health, its heat must be maintained at the same temperature the year round—that is, about ninety-six degrees. The stomach is, in a sense, the furnace; the food put into it is the fuel; the lungs set it on fire.—Why, then, do you eat in warm weather as much as in cold weather. On a Spring day, when scarcely any fire is needed in the house, you cram as much fuel into your stomach as in the depth of winter. You see now that you have not as much sense as Biddy; she is only trying to burn up your house, you are trying to burn yourself up with fever. A baby not three months old has too much sense to poke its little finger into the candle twice, yet you are poking your whole glattonous hulk, head foremost, every day into the furnace, and yet actually don't know what hurts you. You don't think; or, if you do, they are such diluted, milk-and-water "thinks," that a dime a load would be a bad bargain to the purchaser.

In adult life all the food we eat serves two purposes; it sustains and keeps warm. For the latter objects, meats, oils, butters, gravies and sweets are used; hence, in warm weather, a comparatively small amount of these things should be eaten; but in their place take breads, fruits, vegetables, melons and berries. Nature's instincts call loudly for the acids of berries and fruits, and for the earliest tender vegetables, the "greens" and the salads of our gardeners. It is because they have no heating qualities; they are rather "cooling" in their nature. They who spend much of their time indoors, would enjoy an exemption from a great many bodily discomforts if, upon the first day of Spring, they would begin to have meat for only one meal in the day, and in lessening quantities as the summer comes on. Persons who have intelligence, some skill in observing facts and making experiments, would do well to turn their attention to these things. We should aim, not merely to live, but to live in bodily health; without this, life is a burden, a failure, for an ailing man can do nothing well but—grunt and groan, and toddle about the house like a sick kitten. He is in everybody's way; he don't know what to do with himself; he can't even swallow a tablespoonful of "catnip tea" without screwing his face up into a thousand wrinkles, and then he sighs and groans as if it had half killed him.—*Hall's Journal of Health.*

—A dangerous character—a man who "takes life" cheerful.

CAUGHT IN THE ACT.

Mamma had gone to the city in the horse-cars, and had left the two children, Emma and George in charge of their grandmother.

Before going, mamma had said to Emma, "Now, I expect you to see that George does not get into mischief. You must help grandma keep house while I am gone."

"I will do the best I can," said Emma.

But no sooner had mamma gone than George stopped blowing his trumpet and playing with his little cart, and said to his sister, "Emma, I know where there is some grape-jelly."

"Well, George, so do I," said Emma.

"Can't we have a taste of it?" said George. "Nobody will find it out."

"I did not know you were so bad a boy as to think of such a thing," said Emma. "Nobody will find it out? Ah! God will see us; and all hidden things will sooner or later be brought to light."

"I helped pick the grapes," said George; "and I think a part of the jelly is mine: so I mean to climb up and get some from the closet-shelf."

Finding that she could not make George give up his naughty plan, Emma ran to her grandma, who was clearing away the dinner table.

The two came in just as George had taken a spoonful of jelly out of a jar, and was about to eat it.

Now, grandma, I am sorry to say, was not a wise grandma. She was so fond of George, that she would let him do just what he So, when she saw him at the jelly, she only said, The poor dear boy made rather a slim dinner, and is hungry. Let him eat the jelly if he wants it."

George did not need to be urged. He eat till he could eat no more. When his mother came home, she found him in great pain.

"What has he been doing?" she asked.

"He has only been eating a little jelly: I told him he might eat it," said grandma.

"Did he take that in the blue jar?" asked mamma.

"Yes: he took that in the blue jar."

"That is a mixture of senna and jelly," said mamma; "and it is no wonder the child is sick.—This will teach him, I hope, not to meddle with my jars of jelly."

Mamma was right. George had enough jelly that day to last him the rest of his life. He was never known after that, to meddle with mamma's jars. When he wanted a thing, he would always ask for it, like a good boy. He would not touch it without first asking leave.—*Nursery.*

CROQUET.

To the Editors of the New York Evening Post:—

A PLEA FOR CROQUET.

While many admire croquet, yet even among its votaries there are some who show a disposition to slight it. They will tell you, "it is a very nice game; very pretty to play with ladies; a pleasant means of whiling away a pleasant hour; a good excuse for a mild flirtation," etc. To such we would say: "You misapprehend the whole nature of the game. You are unworthy to call yourselves croquet players; you do not *play* the game; you *play* at playing it."

I assert boldly that croquet is one of the most scientific out-door games ever invented, and only inferior tobi l liards in point of science from the fact that it is impossible to get a ground as perfectly true and level as the bed of a billiard table; a game demanding of those who would excel in it perfect coolness, exquisite delicacy of touch, a practical knowledge of the different angles, good judgement, a correct eye, and an unruffled temper. Rightly understood, it presents points, involves difficulties and demands qualities which may well excite the interest and arouse the ambition of our most accomplished billiard or ball players.

WHAT IS CROQUET.

Croquet mainly consists in striking balls through hoops. There is hardly a lawn in Europe fit for the purpose, without a set of little wire arches, which look like human springs and toe traps for the unwary. The game is new; and it is a pleasant, tapping, chattering, respectable, flirting game, too. Men, women and children can play at it.—Reverend dignitaries and fashionable dandies, crinoline and knickerbockers, can all play it at once. It is easy to learn, and yet admits of many degrees of skill. It gives fresh air, and does not make you hot. It is clean. Unlike archery, it can be played on a small place. It is not dangerous—no one has ever been mortally wounded at croquet. It is cheap. If not independent of the weather, it is not affected by the wind or sun—no one need complain of the glare of light in taking aim, or of the disturbing breeze which turns aside the arrow. It can be played by ladies and gentlemen on equal terms, and with the same tackle.—And it is the very chief provocation of small talk and garden gossip. Upon my word, I have no idea of the number of recommendations which it possesses. I had dipped my pen rather with the intention of blackening croquet than otherwise; and now its dissection has converted me. I do not wonder at the polite rural world playing croquet. It conceals the age of the old, and displays the grace of the young. Grandpapa, in whose hand a bow would look absurd, whose lumbago would interfere with the exercise of quoits and bowls, can and does often, play a game of croquet. He need not bend his back; thus it is a good pastime for those getting rather stiffish. And for those full of ease and grace, what better? A girl with neat ankles will play at croquet all day long—it is made for pretty feet and well shaped boots. And yet, with all these social and coquettish recommendations, it is a game within the pale of the most strict and straitened society. A Quaker might play at croquet with drab balls.

—To wash calicoes, put wheat bran in a bag, boil and take half the water to wash in, half to rinse in; use no soap. This will cleanse them without fading, and stiffen them without starch. Iron on the wrong side and they will look as if just out of the store.

Miscellaneous.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months,.....$135

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S. J. President.

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked by a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster BY ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION, *whose capital and assets will not be impaired or injuriously affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union.* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

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All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION OF DEBTS, whether the policy be in favor of the *party assured*, or of *any other person*.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured *at any time* when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium, for a period *corresponding* to the time they have paid all cash, by merely giving their note, and paying the interest in advance.

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STOMACH AND BOWELS

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The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

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Miscellaneous.

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REVERSIBLE FEED AND SELF-ADJUSTING SHUTTLE TENSION

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THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Engraving.

THE GRAND OBJECT OF THE INVENTION this wonderful table is to present a vast number Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of choice friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of charming pictures, arranged to suit the wishes and desires of each owner of the table.

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Miscellany.

A SERENADE.

Sleep, Dearest! sleep,
My heart will keep
Its vigil till yon star be low;
And though it set,
Love, faithful yet,
Will but the brighter, steadier glow.

Dream, Sweetest! dream,
And let it seem,
While tender fancies charm thy rest,
That he who waits
By thy closed gates
Is ever fond, if never blest.

Wake, Darling! wake,
For true-love's sake,
Show thy sweet face at lattice-bar,
The star has gone,
The vision flown,
But Love out watches dream and star.

—*The Land We Love.*

CHARADE.

My *first's* a time when weary men
Forget their trouble and their care;
Silence serene and quiet then
Reign on the earth, and in the air.

My *second* is a word, though small—
Is small indeed, that's true,
But indispensable, with all,
You'll find when it is known to you.

My *third* came swiftly o'er the sea,
And raged tumultuous on the main;
It spread destruction on the lea,
And leveled down the fields of grain.

My whole's a bird, whose music makes
The summer twilight air resound;
In Tuscan groves, in English vales,
The peerless songster may be found.

CHILDREN AND FLOWERS.—A kind friend, in York State, in a letter received, *inter alia*, says, "I have nearly put up a collection of seeds and bulbs which I will send in a few days—to make my promise good—and to afford you and your dear family some of the 'smiles of God's goodness.' Next to little children, flowers are the purest, sweetest and loveliest things that our Heavenly Father ever made—but I cannot now commence on this strain; my poor head is too tired, I will only say that I hope you will take as much pleasure in receiving and growing the things sent as I do in the sending.

We have a weakness for children—as every one will admit, if he or she will come to our house, and like our friend we place them *first* among the "smiles of God's goodness."

Thank God for the "quiver full" he has given us, and for those too He has gathered home, for "in heaven their angels do always behold the face of my Father which is in heaven."—*Farmer's Gazette.*

LAWYERS IN CONGRESS.—Out of sixty-six Senators whose occupations are stated in the Congressional directory, forty-five are lawyers, five merchants, five editors, four farmers or planters, three bankers, two teachers, one a manufacturer and one a railroad owner. Quite a preponderance of the disciples of Coke. The House is not quite as strong in that element; but there are mentioned as lawyers one hundred and nineteen, merchants nineteen, editors sixteen, farmers seven, manufacturers six, railroad men five, bankers five, ministers two, doctors two, painter one and prize fighter one.

A NOBLE EXAMPLE.—We are extremely glad to copy the following card from the *Sacramento* of to-day. *This is an honor* to the *"Turners' of Sacramento.*

Take Notice! All disreputable persons—of either Sex—are given to understand distinctly that they will not be allowed on the Excursion Train for the Turners' Festival, on Sunday next.

There will be at the Depot officers who will recognize and eject them, Tickets or no Tickets.

Fair Notice is now given. Heed it! By order of the MANAGING COMMITTEE.

NEW INVENTION.—The Kingston *East Tennesseean* relates the following illustration of the progressive spirit: "Mr Massey, the teacher of the colored school at this place, we learn, is having a serious time learning the young ideas how to shoot. They are disposed to be insubordinate and obstreperous, and will not be taught good behavior, notwithstanding he uses the rod without stint. The teacher, being a delicate man, in his efforts to subdue the refractory spirits completely exhausted himself, but being determined to have order in his school, and being too feeble to apply the remedy, adopted the novel mode of reaching the desired result by making each scholar whip the other, since which time better order has been maintained, and things have been progressing much better."

A LARGE RAFT.—One of the largest rafts of lumber that has entered Galena river this season is being received to-day by Barrows, Taylor & Co., from Chippawa Falls. It contains something more than six hundred thousand feet of sawed lumber, and the river is literally filled with the moving mass.—*Galena Gazette, March 20th.*

The road to ruin—The highway to Pompeii.

FINE HOMESTEAD IN NAPA.

By referring to our columns will be seen a fine Home in Napa for sale. This is indeed a very fine Estate, and is offered at a great Bargain. We would urge those who want a fine place to go and see it. It is pleasantly located, and can be made profitable. The owner will show the place, and explain its prospects of crops, etc.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GOLDEN EAGLE HOTEL,

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families" and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at
MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the
BEST GOODS
IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.
310, 312, 314 Pine Street,
30-10 SAN FRANCISCO.

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers
AND
Importers of

HARNESS,

Saddles, Bridles,
WHIPS, COLLARS.
SADDLE-WARE, &C.,
Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL Con. CORD HARNESS, for the Pacific Coast.

AVERY TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge. Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc. being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome re[turn] for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adopted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a. our office, or addressing EDITOR FARMER

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:	
Louis McLane,	S. M. Wilson,
W. C. Ralston,	D. J. Oliver,
A. L. Tubbs,	W. Scholle,
Wm. Alvord,	Morton Cheesman,
Frederick Billings,	H. Hansemann,
Jonathan Hunt,	D. W. C. Rice,
A. B. Forbes,	Oliver Eldridge,
A. G. Stiles,	E. W. Leonard
A. Seligman,	S. Steinhart,
L. B. Benchley,	P. L. Weaver,
Wm. Sherman,	Wm. Hooper,
L. Sachs,	Alfred Borel,
Jas. De Fremery	A. Hayward,
J. G. Bray,	T. L. Barker,
J. B Newton,	Alex. Weill,
David Stern,	Chas. Meyer,
D. O. Mills,	J. D. Fry,
J. G. Kellogs,	M. Rosenbaum
C. H. Howard	H. H. Bigelow.
Moses Heller,	T. Lemmon Meyer,
H. M. Newhall,	SACRAMENTO
G. T. Lawton,	Edgar Mills,
Edward Martin,	G. W. Mowe,
Chas. Mayne,	C. T. Wheeler.
Moses Ellis,	MARYSVILLE:
E. L. Goldstein,	J. H. Jewett.
Wm. T. Coleman	STOCKTON:
J. O. Earl,	T. R. Anthony.
Lloyd Tevis,	PORTLAND, OREGON:
Geo. W. Beaver	W. S. Ladd,
Adam Grant,	Jacob Kamm.
Alpheus Bull,	VIRGINIA, NEVADA:
	Wm. Sharon

Officers:

JONATHAN HUNT, President
A. J. RALSTON, Secretary.
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.
T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the package.

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S NORTH POINT GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,
SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento—either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,
PAPER BAGS, TWINE,
Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,
SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD
China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to s

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by Editor Farmer.]

San Francisco, May 13

Our grain market is now at a low figure, precisely as we all along asserted it would be at and before the new crop came in.

There is still a large surplus of wheat on hand of the old crop, and prices still tending downwards.

From a careful scrutiny of the condition of other parts of our own country, the word *abundance* is written everywhere; and from all parts of Europe the prospect universally is good weather, and a prospect of large crops.

We notice in all the British colonies, in all the large Australian region, plenty of rain and promise of a bounteous harvest. Thus our own grain growers must be content with a *low price*, and the market rates of to day show this:

There may be many now who tell of the effect of the late hot weather upon the late sown crops, but this *does not effect* that which was sown in due season, and the *late crops, whatsoever their product may be*, is all gain. Even the cultivation of the land, and no crop, *will be a gain*. Croakers are about, but we still have ABUNDANCE.

Grain, &c

Wheat California, ₱ 100 lbs	$1 25	@	1 40
do Extra	1 40	@	1 55
Barley, ₱ 100 lbs	1 30	@	1 50
Rye ₱ 100 lbs	2 50	@	3 00
Oats, California, ₱ 100 lbs	1 40	@	1 80
Corn ₱ 100 lbs	1 30	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	15 00	@	17 00
Middlings ₱ ton	20 00	@	25 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	6 00
Potatoes	70	@	95
Potatoes, New	1 50	@	1 75
do sweet		@	
Onions	7 00	@	7 50
Hay, ₱ ton, extra	10 00	@	17 50
Hay, ₱ ton, ordinary	8 00	@	12 00
Straw ₱ ton	5 00	@	7 00

Retail Prices in the Fruit Market.

The *Fruit market* shows what our *Strawberry* men are about, this is the "Strawberry Harvest," and the past *six days* has brought to our market not less than *One hundred tons of Strawberries*.

What a country for strawberries and cream! and think of it. Ten cents a quart for delicious strawberries, large as a small hen's egg; but this is a "Land of Fruit."

Cherries are coming in freely, and are selling at reasonable rates, but yet, compared with Eastern sales, would be esteemed high.

All other fruits are scarce, and nearly over, in fact it is the *order of Providence* to have one pass away while another shall take its place in due season—see rates below.

Apples, ₱ box	1 50	@	4 00
Pears, ₱ lb	10	@	15
Plums, ₱ lb	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	25	@	30
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh	—	@	—
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	10	@	15
Raspberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	25
Gooseberries ₱ lb	12	@	15
Currants, ₱ lb	—	@	—
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

Our Vegetable market was never in better condition; abundance of the very best is to be found at all our stands and can be had at very reasonable rates.

Vegetables and Fruit are largely consumed now, and many live entirely upon them in warm weather, this is the true *hygiene doctrine* for robust health; and far better than heavy diet.

Asparagus, ₱ lb	8	@	12
Artichokes, (Fr.) ₱ doz	25	@	50
Brussell's sprouts, ₱ lb	6	@	10
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	1 00	@	1 50
Cauliflower, ₱ doz	1 00	@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	—	@	30
Cranberries, ₱ gall	1 00	@	1 25
do eastern, ₱ gall	1 25	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₱ lb	8	@	10
Green Corn, ₱ doz ears		@	10
Sugar Peas	8	@	10
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	10	@	15
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2	@	3
do Sweet	5	@	7
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	—	@	25
Parsley	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	8	@	12
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	50	@	75
do Red	50	@	75
Squash, Summer	—	@	—
do Marrowfat	3	@	5
do Hubbard	3	@	5
Beans, String	5	@	8
Green Limas, shelled	8	@	10
Spinage, ₱ basket	—	@	—
Salsify, ₱ bunch	25	@	40
Turnips, ₱ doz	10	@	15
Tomatoes, fresh, ₱ lb	25	@	37
Garlic	—	@	—

FISH

(Tessmore and Hayes)

Our Fish market makes a very fine display. All that is needed can be had now at all times, at our well provided markets. Fish is a light and nutritious food for warm weather, and with Fruit is better than more solid meats

Salmon, ₱ lb	—	@	8
do smoked, new	10	@	12½
do pickled, ₱ b	—	@	8
Salmon Trout ₱ lb	—	@	—
Smelts	8	@	10
Perch	8	@	10
Rockfish		@	12
Codfish, dry	—		18
Herring, fresh	—	@	
do smoked ₱ doz		@	25
Tomcod	—	@	15
Sardines, fresh	—	@	12
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	50
Terrapin, ₱ doz	7 00	@	8 00
Mackerel, pickled, each	20	@	25
do fresh	6	@	8
Shrimps, ₱ lb	15	@	20
Flounders		@	
Sea Bass	—	@	1 00
Halibut, rare	—	@	5
Sturgeon	100	@	1 25
Oysters, ₱	10	@	12
Lobsters, ₱ lb		@	62
Turbut			

MEATS.

(L. Miller & Co)

Our meat markets show well, but as mutton and lamb is more used in warm weather, than Beef, so the show in this line is better, the rates, however, are not as high as in cold seasons, as lighter food is in more request.

Beef, tenderloin, ₱ lb	18	@	20
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	12	@	55
do cullet	—	@	18
Mutton, chops, ₱ lb	12	@	15
do leg	—	@	12
Lamb, ₱ lb	15	@	18
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
do Sugar Cured		@	22

POULTRY AND GAME.

This department is not very active. Large game does not seem to be wanted much, such as Turkies and Geese, and the prohibited kind being out of market, Chickens, and Rabbits and small delicacies are the principal sales now.

Ducks, wild ₱ pair	—	@	—
do tame	2 00	@	2 50
do Canvas-back		@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese, wild, ₱ pair		@	1 25
do tame	2 50	@	3 00
Chickens, each	75	@	1 00
Turkeys, ₱ lb	30	@	33
Hens, each	1 00	@	1 25
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 00
Venison, ₱ lb		@	
Quails, ₱ doz		@	4 00
Pigeons, domestic, ₱ doz		@	2 00
do wild		@	50
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 50
Spring Chickens	7 00	@	10 00
Turkeys, ₱ lb	—	@	28
Ducks, tame, per doz	8 00	@	8 50
do wild	—	@	
do Mallard		@	
Geese, tame, per pair	2 00	@	2 50
do wild ₱ doz	8 00	@	10 00
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	1 50
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

This department remains the same as to value, rather a little less in price, but demand the same. butter and Eggs are more freely used in summer, therefore quick sales now.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	30
Duck-eggs	—	@	50
Cheese, ₱ lb	25	@	30
Lard, California	18	@	20
do Eastern	—	@	—
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	30	@	36
do do packed	—	@	—
do Eastern (new)	—	@	—
Cheese, California	16	@	18
Eggs, ₱ doz	—	@	42
Lard, ₱ lb	12	@	15

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

Beef—American, 1st quality, 10 @ 11c ₱ lb
do. 2d do. 8 @ 9c.
Mutton—7@9 ₱ lb. Lamb— 11@12½c.
Pork—undressed, —6@8c; dressed, 11@12½c.
Veal—11@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	23
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20	@	22
do extra	25	@	27
Medium	15	@	18
do burry	10	@	12
Wool-sacks, new	80	@	1 00
do second-hand	40c	@	50
Dry hides, ₱ lb	16	@	18
Green salted, ₱ lb	7½	@	8
Sheep skins, wool on	40	@	50
do do plain	15	@	30
Goat skins, each	40	@	60
Refined Tallow	8½	@	9¼

20,000 NEWSPAPERS.

We have Twenty Thousand Newspapers—Newspapers of the largest size among our Exchanges, suitable for Wrapping Paper for Dry Goods, Clothing, etc.

—ALSO—

TEN THOUSAND

Of the best gricultural Papers known, comprising our various gricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on Agricultural matters, can have these at low rates by the 100. Apply at FARMER OFFICE.

NEW GRAINS AND GRASSES.

We ask special attention of all persons who have low meadow lands, or Tule lands redeemed, to the New Grains and Grass Seed received by the steamers.

As these are entire *New Varieties*, never before known here, it would be well to plant small lots in order to secure the seed for another year.

To those who can do so advantageously, and to some extent, *we will furnish Seed on liberal terms*. Apply at *Farmer Office*.

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have "*Tule lands*," for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

ECONOMY
WASHING MACHINE!

A new lot of the above named Machines, including all the latest improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JOAB M. HORNER, Mission, San Jose, Alameda County, will receive prompt attention.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

May 8—COLORADO, Capt. W. H. Parker, connecting with ALASKA, Capt. Gray.

May 18—CONSTITUTION, Capt. Wm. H. Hudson, connecting with HENRY CHAUNCY, Capt. Conner.

May 29—GOLDEN CITY, Capt. Wm. F. Lapidge, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oc1 OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento or alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, Until further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9.50 A. M.; Reno at 4.20 P. M.; Wardsworth at 6.30 P. M. Winnemucca at 3.30 A. M.; Argenta at 8.50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12.05 P. M. Reno at 2.10 A. M. Colfax at 9.50 a. m. and arrives at Sacramento at 1.20 p. m.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada,

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Owyhee, and all points in Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages for White Pine, and Overland Stages for Salt Lake City and the Atlantic states.

C. CROCKER,
General Superintendent

A FINE COUNTRY RESIDENCE

A Farm of 100 acres of good land, well watered and fenced. 3 miles from Napa City. On it is a vineyard of 7,000 vines, five hundred being of foreign varieties; an orchard of, between five and six hundred fruit trees; a good new roomy house, tastefully planted about with ornamental trees and shrubs. Also, large barn stable, and other out-houses; with the above will go horses and harness, first-rate farm wagon, saddle and bridle, farming implements, gardening tools, poultry, contents of house, etc. The land, with exception of 15 acres, has not been broken up this season, and has a volunteer crops on it, which will make good hay, and is fine pasture now. If required, a portion of the purchase money could remain on mortgage at a low rate of interest.

PRICE OF ESTATE, $6.000

Persons wishing a very fine Estate, are invited to call on the undersigned, on the Premises, who will show them the Estate.

THOMAS SINCLAIR.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address Editor Farmer.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLane's Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S
CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and for tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the proper action of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal stain or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their rest in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everything. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are unequalled to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S
American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. Hence even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an arch or circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a craving sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough; cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten give a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by
FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, MAY 20, 1869. NUMBER 17.

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PUBLISHED EVERY THURSDAY EVENING.

BY WARREN & CO.

Office—No 220 Clay street (up stairs), below Battery.

SAN FRANCISCO.

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By mail, for one year, $5; for six months, $3. For a Club of five new subscribers, a sixth copy will be sent gratis. When payments are delayed six months $1 additional per year will be charged.

☞ City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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MESSRS. VILMORINE, ANDRIEUX & CO., Paris.

THE CURRENCY.

There is now to be a serious controversy about our Currency. Already our Newspapers begin to agitate and ask the question:

Shall California hold on to her "Gold Currency" as the standard, or shall she fall into line and unite with all the other States of the Union, and establish Greenbacks as the medium of trade.

This Journal worked hard in the early days of the Greenbacks, to establish our National Currency, but we never advocated Repudiation or the violation of Contracts.

As this question must be met, and very soon, too, by reason of the immediate union we have made with the other States by means of the Pacific Railroad, we have placed on our first page the very interesting and valuable Speech of Hon. Cornelius Cole, our Senator in Congress, which shows the true condition of the obligations of the Nation, and why he advocated the strict fulfillment of obligations—Gold for Gold contracts, and Greenbacks for Greenbacks.

Senator Cole's Speech is worthy a careful perusal.

SENATOR COLE'S SPEECH

ON THE CURRENCY QUESTION.

MR. COLE said:

Mr. President: I cannot persuade myself even, at this late hour of the session to permit this bill to go to a vote without expressing my dissent to its provisions. I regret that it comes in for discussion so late in the session, for now its discussion must be attended with more or less restraint. I believe the second section of the bill is rendered entirely unnecessary by a recent decision of the Supreme Court. That decision, as I understand it, goes to the extent of sustaining a contract payable specifically in coin, a contract made prior to the rebellion, but the principle enunciated in that case I believe covers all other specific contracts, and is sufficient to sustain contracts made after the passage of the legal tender-law as well as contracts made prior to that, and it will cover all cases of specific contracts which may be made hereafter. If I am correct in this there certainly can be no necessity for the passage of the second section of the bill for any purpose of authorizing specific contracts in coin. But it is alleged that the passage of this section is desired for the purpose of restricting the operation of this decision of the Supreme Court. If so, I am equally opposed to it.

I am also opposed to the first section of the bill which declares that the faith of the United States is solemnly pledged to the payment in coin or its equivalent of all the obligations of the United States except in the cases where the law authorizing the issue of any of said obligations has expressly provided that the same may be paid in lawful money or other currency than gold or silver. This proposition was before the Senate over a year ago, and was then very fully discussed. Since that time until these last hours of the session it has been permitted to rest upon your table, and is now brought up, as I believe, without adequate opportunity for its discussion.

The Senator from Vermont [Mr. Edmunds] this afternoon congratulated the country on the advances made toward sustaining the honor and good faith of the country. It seems to me his congratulations would have been more applicable had it been directed to the bondholders for their advances upon the interests of the tax-payers, of the aggressions of the creditors of the country over the labor and industry of the country.

We are told by the chairman of the Finance Committee that it is only intended as a declaration of policy; but what are we to understand by this? Is it to be merely a vain and empty declaration of policy, or is it to be a solemn act of Congress, a declaration of law, which is to be binding upon us? It seems to me the latter will be its force and effect if it passes.

Perhaps it is well that this question should be disposed of without further delay, in order that the people may know with some degree of certainty the weight of burden upon them. If they really owe the whole $2,556,000,000 in gold coin, as the passage of this section will indicate, or the equivalent of that sum in currency, amounting at the present rate to about thirty-three hundred and fifty millions, the sooner it is proclaimed the better. It can be of no advantage to the people to fondle a delusion, however pleasant, which must finally cost them hundreds of millions. It is customary to speak of the national debt as about two and a half billions, but if we owe the whole of this $2,500,000,000 in gold dollars we actually owe about three and a third billions, as we usually estimate money.

If, as is alleged, it will improve our credit to put forth the statement that our national debt is three and one third billions, I am sure there is no rule by which that proposition can be demonstrated, and the result must depend upon a trial for its proof. I believe the hope is father to the opinion and the latter a most illegitimate production.

With an acknowledged indebtedness of $2,500,000,000, honored in all respects according to the strict letter of the obligation, our securities are worth less than seventy-five cents on the dollar, can it be said that by largely increasing the indebtedness, as this proposition virtually does, our credit will be improved? However clear this may seem to the bondholder it has not yet been made so to the debtor. The people will never take that view of the case. An insolvent whose available assets are unequal to his obligations, and whose credit in consequence is below par would not expect a favorable result from a similar transaction. It would take a long time for him to reestablish his credit by the process of adding voluntarily to his indebtedness. If unfortunately one is unable to meet his currency obligations he cannot improve his credit by acknowledging the indebtedness to be upon the basis of coin and by binding himself to pay all in gold. Such a step on the part of a person or firm would be regarded as rash in the extreme, and instead of improving would work an utter destruction of credit.

What is to be gained by the adoption of this proposition? It will not of itself pay a dollar of our obligations even in greenbacks, much less in gold. It will not dispense with a single exaction. The tax-gatherer will come as before and be not a whit less extortionate.

An admitted indebtedness of $3,400,000,000 will afford a better pretext, if one shall be wanting, for demanding a large percentage on your small salary and mine. It will furnish a strong argument for increasing taxes and tariffs, which are already too high. The debtor class, the people, the labor of the country, which after all has to pay the debt, would repel this monstrous proposition at once could they be heard. The people do not nor have they ever asked by petition or otherwise for the adoption of the principle embodied in this bill, and their creditors have no shadow of right to demand it. The form and substance of the bonds are prescribed by the public laws, and in accordance with them interest is paid regularly in gold. Let their holders be content with what is nominated in their favor, lest popular impatience should eventually require the utmost exactness in taking the pound of flesh.

It is not easy to devine the real object of this proposition. The debt is either payable in gold or is it not. If it is payable in gold as the law now stands then there can be no necessity for its passage. It would only be a vain repetition of an existing fact, and any number of reiterations would not alter it. But if, on the other hand, a large portion of our debt is not payable with gold dollars it would be great injustice to the debtors to declare it so payable while any description of lawful money bears a less value, dollar for dollar, than gold. Suppose my note is in bank for $1,000; if the banker can exact of me its payment in gold, the gold being at thirty-five per cent premium, my debt is actually $1,350, and my banker would not relieve my anxiety nor improve my ability to pay by graciously informing me that it is not due till some time hence. Such a demand, if it could ever be enforced, would tend to impair rather than improve my credit, and no sophistry could prevent that result.

Is it in a spirit of braggadocia that this declaration is sought to be enacted? Is our contempt of a burden of $2,556,000,000 so great that we ought voluntarily to shoulder about seven hundred millions more? Can we prove our ability to pay $2,556,000,000 by voluntarily, or at the dictation of our creditors, adding largely to it? To suppose so is to forget entirely that the present amount, mostly due as it is in a medium easiest to raise, weighs down our credit to a deplorable degree.

I am not unmindful of the indignation, assumed or otherwise, which bondholders manifest toward those who, like myself, believe that it is not unfair to pay in kind, if of equal or greater value, this borrowed money, and that the creditor has no right to demand coin for his greenbacks unless the contract calls for coin or unless we are paying coin when they become due; but at the same time I will not forget that the people, the many, have rights no less sacred than the fortunate few.

The $283,000,000 of 1881 bonds ought to be and unquestionably will be paid in gold, as they were mostly purchased with that commodity. In like manner the $221,000,000 of ten-forty bonds must be paid every cent in coin; for upon those terms the loan was made. But what justice or equity demands that the five-twenty securities should be paid in a different medium from that with which they were purchased, especially if that medium possessed a value far greater than it had at the date of purchase? All this loud talk about the dishonor of a refusal to respond to this extraordinary demand of the bondholder shall pass by me as the idle wind. Repudiator is one of the commonest appellations indulged in against the opponents of this measure; but that name is equally applicable to him who refuses his purse to the footpad.

I have already said that if the five-twenty bonds were really payable, as this bill attempts to declare, in coin, or its equivalent, there could be no necessity for its passage; but the very fact that the measure is brought forward is a palpable confession of the truth that they are not so payable. The letter and spirit of the law are in harmony; and these bonds should be discharged, like the ordinary and multifarious obligations of the country, in any lawful money—in gold if we are paying gold when they must be paid, and if not, then not. Should business reach a specie standard before these bonds become due, of which there is some hope provided we do not rashly forfeit our credit, as is now proposed, the holders of them would have nothing either to complain of or deplore, for they would be paid in current gold dollars. But here we are met with the statement that we are soon to reach specie payments in spite of events, and that the five-twenty bonds will in that case be paid in coin, and the passage of this bill therefore can do no harm. The fallacy of such a position is easily exposed. If we could arrive at a gold basis without much delay, and notwithstanding this proposed action the statement would possess considerable force. But some calculation is admissible to determine the effect of adding this $700,000,000 to our acknowledged indebtedness.

Before the war, when we owed but a few millions, not more than fifty or sixty, United States bonds commanded a premium of fifteen or twenty per cent; but when that indebtedness is run up to $2,556,000,000, they are thirty-five per cent below par. If it were increased to $3,300,000,000, they must go still lower, and we should be fortunate if we escaped financial ruin like that which overtook this Republic at an earlier period of its history.—It may have escaped the attention of some who ought to remember the historical fact that millions upon millions of the old continental or sage-leaf money became utterly worthless, and very many citizens who had exchanged their property, the produce of their farms and workshops, for it was utterly ruined. It is true that as a nation we were then weak and poor, and, boasting aside, we are comparatively so still, certainly poor if we may judge from the rate our securities bear in the markets of the world. Our population was then four millions, it is now ten times that number; but if I mistake not our debt is nearly as large in proportion to population as that which our forefathers neglected to pay.

But we are told our resources are inexhaustible and much calculation is made upon a great unborn population and boundless wealth yet undeveloped. A ready response to this is furnished in the fact that our ancestors had all the undeveloped wealth of the new world, all that has since been developed and all that will be forever hereafter, and still they flatly repudiated.

We expect to discharge our debt in full, principal and interest, down to the last cent, but it may be well to suggest to the creditor before hundreds of millions are unnecessarily added to our burdens that our fathers survived the death of the continental money, and the action of Washington and his compeers in this regard is not even remembered against them.

The persistent effort of the bondholders to carry their point by appeals to our fears and false pride may eventually succeed, but a victory gained by such device would be no less dishonorable than the worst form of repudiation, and in my judgement far from advantageous to those who are urging it. It may result in utter discouragement of the people.

It was a great mistake in the first place to make the interest on any portion of the public debt payable in coin. The object was to tempt the cupidity of money-lenders, and it succeeded admirably; but it was a most unfortunate step for the Government. Better to have resorted to more stringent taxation, or even to forced loans, than to have submitted to this exaction. Capitalists were more interested in the suppression of the rebellion than any other class of people, and their property should have been required to contribute to its overthrow without any extraordinary inducement such as gold interest or high premiums upon loans. The consent of the drafted man to render his service was never asked; he was compelled to march and to fight, and the capital of the wealthy is not more sacred than the life or limb of the poor. If "it is sweet and becoming to die for one's country," it ought to be equally agreeable to surrender a portion of one's property for the common safety.—There was really no overwhelming necessity for this promise to pay interest in coin, and had half its evil results been foreseen it would never have been made. About the only public advantage I am able to see in that provision is found in the fact that it prevents the exportation of an amount of coin sufficient for that use. It is but poorly disguised, even by the able and ingenious arguments of Senators, that by far the greater portion of the coin that was in the country before the war has gone abroad, and the principal obstacle in the way of getting back to specie payments will prove to be the want of specie itself.

An unintentional confession of the need of coin in the country before its use can be resumed appears in the persistent effort of its advocates to show that a large amount is already in the country, whereas, in fact, the amount is extremely limited. One hundred million dollars—a little more or less—are in the Treasury, but not nearly as much beside, in my judgement, in the country all told. But for this requirement of coin to pay interest there would have been no necessity for even this $100,000,000 which revolves over and over in connection with the Treasury, and that, too, would have sought a foreign market. This solitary advantage, however, weighs but lightly in the balance against the disadvantages to the country from that source. The obligation to pay interest in coin presents a strong inducement for the holders of securities to depreciate their value. It is too plain to need more than the bare assertion that the lower the price of such bonds the higher will be the yield of interest on the capital invested in them. Six per cent gold interest on a bond at par is equal to twelve per cent when the bond is worth only fifty cents on the dollar, and nine per cent when it is worth but seventy-five cents on the dollar. The holder of securities bearing gold interest therefore has a powerful incentive to decry their value in the market. He puts money in his pocket precisely in proportion as he injures the public credit.

It is impossible to tell to what precise extent men are governed by their own interests, and equally impossible to prove that the extremely low price of United States bonds all along is attributable to this cause; but I cannot withhold the belief that it has had very much to do with depressing their value. That the bondholders have it in their power to affect the public credit at any time few will deny; and the only question to consider is whether or not their interests would lead them in that direction. The reduced rates of our securities in the markets of America and Europe is a profound mystery if it cannot be ascribed to this influence. The United States six per cent securities are hardly second to the best in the world, and ought to command a large premium; but the German banker, with an outlay of $75,000, draws his six per cent gold interest semi-annually on $100,000, which is equivalent to nine per cent on his capital. He at least can have no motive in building up our credit while more bonds can be purchased. By reducing it he adds to his capital and his income.

Suppose the bonds were silent as to the kind of interest to be paid, and the interest were discharged regularly in current money the same as all other obligations of the Government, the case would then be precisely the reverse. It would then stand the creditor in hand to build up the public faith. He would gain in that case by the enhanced value of the money he received as interest, and every detraction from the credit of the Government would result directly in loss to each and every bondholder.

Further argument upon this head seems superfluous, and I hasten to notice the disadvantages of recognizing a distinction between coin and the Government currency. But when this distinction is so clearly acknowledged by the Government itself as it is in paying all its ordinary obligations in paper and interest on the public debt alone in coin, the people individually cannot avoid discussing it, and comparisons are often drawn unfavorable to the public credit. This leads to frequent disparagement of the Government securities, and it turns out that these paper promises are a much better representative of the public credit than of dollars. The reputation of a Government, like that of an individual, for solvency is impaired by being much questioned.

We have long been hoping that by some means we might succeed in funding our national debt into a security bearing a less rate of interest.—Plans for that end have been introduced almost without number, and the committee that reports this bill have brought forward at least one plan during this session for the funding of the public debt. But pass the bill and you will have reached the end of the question of funding the public debt. It will be utterly impossible to effect loans at a less rate of interest than that which these bonds which are already issued bear. When we agree to pay the principal and interest in gold, interest at six per cent, who will be induced by any motive you can present to take a bond at a less rate of interest? No one. The suggestion is absurd. The debt will not again be funded.

It will be remembered that the public debt affords an opportunity for a very large proportion of the capital of the country to escape taxation entirely, and as a consequence the burdens of taxation fall the heavier on the remaining property.—The interest on the public debt, therefore, should be no higher than the ordinary net profits on prudently conducted business. It should in no case exceed the clear income upon money otherwise invested and subject to taxation, which, as a rule, falls far below six per cent.

Every inducement presented to capital to evade active employment is a disadvantage to the public. Its tendency is to stifle industry and retard the increase of fixed capital. And from this cause possibly it may turn out that too high an interest is disadvantageous in the long run, not only to the producing classes, but to the bondholders themselves. The best rule for all is to pay regard to the interests of all—the poor as well as the rich, to labor as well as capital, to the unfortunate as well as the fortunate. I fear the tendency of much of our legislation is to make the rich richer and the poor poorer. This is not an unnatural result of the great calamity of civil war and the creation of a large creditor class in the Republic. The rich and powerful are always vigilant and active, while the poor, intent alone upon their own subsistence, are apt to overlook their rights.

But the eternal principles of justice can never be violated with impunity. While we render unto Cæsar the things that are Cæsar's the more humble citizen must not be neglected or forgotten.

GO TO SLEEP EARLY.

Many children, instead of being plump and fresh as a peach, are as withered and wrinkled as last year's apples, because they do not sleep enough. Some physicians think that the bones grow only during sleep. This I cannot say certainly, but I do know that those little folks who sit up late nights are usually nervous, weak, small and sickly. The reason you need more sleep than your parents is because you have to grow and they do not. They can use up the food they eat in thinking, talking and working, while you should save some of yours for growing. You ought to sleep a great deal; if you do not you will in activity consume all you eat, and have none, or not enough to grow with.

Very few smart children excel, or even equal, other people when they grow up. Why is this? Because their heads, if not their bodies, are kept too busy; so that they cannot sleep, rest, and grow strong in body and brain. Now, when your mother says Susie or Georgie, or whatever your name may be, it is time to go to bed, do not worry her by begging to sit up "just a little longer." But hurry off to your chamber, remembering that you have a great deal of sleeping and growing to do to make you a healthy, happy, useful man or woman.

The above important truths we clip from the *Rural New Yorker*, and hope that Parents will read these truths carefully.

When we look around us, in many families we see the blighting effects of late hours of little children. How many young and beautiful girls grow prematurely old, putting on a woman's face at ten and twelve years, but unnatural, and losing all that smart and healthful look that belongs to the child.

We do not wonder that our *Mortuary Report* shows the death mark at more than one-third young children; and when we see lads and Misses of ten and twelve years roaming about our streets till ten and eleven o'clock at night, and violating all the *laws of life*, we only wonder that any of them live.

There is a terrible and criminal neglect on the part of Parents in this respect, and in the great day of accounts, we believe that many Parents will be called to account for the lives of their children sacrificed to their own neglect.

Festival Season.—The Young Men's Christian Association have been holding their "Floral Festival" the present week, which have been quite interesting, and have been largely attended, with good pecuniary results for their Treasury.

Agriculture.

SHEEP.

[The following most excellent Report on Sheep comes from Marthas Vineyard, Massachusetts, and is published in the Agricultural Reports of that State. As it contains so much that is practically valuable, we give it entire.—Ed. Farmer.]

In the rearing of sheep, as in all other branches of husbandry, the farmer has an especial regard to profit. It is true there are instances where we find fancy farmers paying fancy prices for fancy stock, without having regard to the question of profit and loss, and who, when the balance is found to be on the wrong side, will cheerfully put their hands in their pockets and square the account. But with the class of farmers before whom this report is likely to come, the great idea to be discussed is, How shall sheep husbandry be made the most profitable? In discussing this we will first take into consideration the local conditions which have a direct or an indirect bearing upon the subject. First, proximity to a market. Upon this will, in a great measure, be determined the relative value to the farmer of the strictly mutton sheep, which gives a large per cent of carcase in excess of wool, or the more strictly wool sheep, which gives a large per cent of wool in excess of carcase. The farmer who can in a few hours place his fat sheep and lambs in a good market, with the chance of a ready sale, may, no doubt, with profit rear that breed of sheep which will give him the most mutton. Another important condition which affects this view of the case is the character of the farmer's feed, or the capacity of his lands for raising fat mutton. If his feed is not abundant and sweet he need not attempt the producing of fat mutton as a specialty. This condition of feed is also essential in the propagation of the larger breeds of sheep; for large, heavy-feeding animals, kept for a few generations on light, poor pastures, will soon deteriorate, and each successive generation will fall below the preceding, until the stock will show but few points of resemblance to the original.

But it may not be profitable to lengthen this report by considering conditions which do not, as a general rule, exist with the farmers within the limits of this society. We are not in close proximity to a market, and our feed is not very abundant, although what we have is sweet.

Without question the grand idea with our farmers is, From what breed of sheep can we get the most wool, and at the greatest profit on the money and labor expended?

If we were to examine this question at length, and discuss all its various points, we should overstep the proper limits of a report. We will casually glance at only a few leading ideas. Our society in its offers of awards and premiums recognizes only two classes of sheep, the long-woolled and the fine-woolled—the long-woolled including the Cotswold, Leicester, and their grades, and natives; the fine-woolled including the Merinoes and Southdowns, with their grades. The natives not being a distinct breed, we will leave them out in our remarks which are to follow. In the four breeds named we have the four leading breeds of sheep to be found in New England, if not in the country. It is not our purpose to institute close comparisons between these truly excellent breeds of sheep, but simply give a few ideas gathered from observation, and what information we have been able to obtain. The pure Merino is emphatically a fine woolled sheep, yielding a large fleece of heavy wool, and the farmer who shears a flock of this breed of sheep can boast of a large product of wool in weight. But in this wool we find a large amount of foreign substance, which disappears on the application of the soap and warm water, leaving a proportionate small amount of clean wool for the manufacturer. It is a well-known fact that so long as fine woollen goods continue to be worn so must fine wool find a market; but it is also a well-established fact that dealers in wool begin to look with care and suspicion upon the heavy, soggy fleeces of pure-blood Merino wool, and ask that a reasonable discount shall be made for dirt.

Our farmers are doubtless honest in their endeavors to rid their Merino fleeces of their yolk and grease by a careful washing of their sheep in cold water; but the yolk and grease of Merino wool do not readily start in cold water. That an enormous weight of fleece has in many instances been taken from Merino sheep none who are acquainted with the facts will deny. Instances of eighteen pounds to the fleece are by no means rare, if we are to credit the published reports of the yield of some small choice flocks; and if this wool can be sold at one-fourth more price than can be obtained for the common grades, then, at first view, this is the breed to which our farmers should turn their attention. But there are drawbacks to rearing this breed of sheep which must be taken into the account. As a breed, their young are very tender, and it is only with the greatest care and pains that they can be reared; and the dams yielding but a very small quantity of milk at first, for the sustenance of their young, renders it still more difficult. A former delegate of this society was in the habit of keeping watch over his flocks almost constantly, day and night, during the time they were dropping their lambs, and as soon as a lamb was born taking it from the mother and nursing it by a fire, kept in his barn for the purpose, and feeding it upon warm milk, and in this way succeeded in rearing most of his lambs. We think if those lambs had been exposed to the keen winds and pitiless storms to which we have seen young and tender lambs exposed, but few of them would have survived.

Of the Southdowns we can only say that they are generally hardy, yet their fleeces, so far as we have seen, are not proportionate to their bodies; and being truly a mutton sheep, they have not, with us, shown those points of excellence for which this breed is so justly celebrated in more favorable localities. They have never, so far as we have observed, shown the large saddle, such as may be seen gracing the stalls in Faneuil Hall Market.

With reference to the long-woolled sheep, we have found the Cotswold to be an excellent breed, standing the rigors of our climate remarkably well, and yielding a large fleece of good clear wool, coarse in texture, and strong in fibre. The lambs of this breed are easily reared. It is true we have seen but few of the pure blood, as nearly all we have known of them have been crosses with either the natives or Merinos. Our experience with the Leicester has been limited, but our observation has shown us that they are hardy, and their lambs easily reared, and when mature yield a large fleece of light, open wool, of longer staple than the Cotswold. The latter breeds have more carcase than either the Merino or Southdown.

We have thus sketched briefly the four leading breeds of sheep found in our country, and will now offer a few suggestions in relation to wool.

For years back, up to the time of the war of the rebellion, fine wool was *the* wool in the market.—During the war the demand for coarse army goods called for a coarse grade of wool of long staple, and from all the lots coming into the hands of dealers the fleeces possessing these qualities were carefully selected, and a high price obtained for them. At the same time, the demand for the finest grades was good, but the demand for the medium grades was not so good. The two extremes, the long coarse, and the fine, commanded the highest prices. Since the close of the war a demand for another grade of wool has gained the attention of dealers.

For many years the manufacture of worsted goods was principally carried on in Europe, and no attempt was made in this country, or only to a limited extent, to produce goods of this kind.—Recently factories for the manufacture of worsted goods have sprung up in different parts of the country, creating a demand for combing wools, and at the present time these are the wools which command the highest prices. The chief characteristics of these wools are a long, moderately fine staple, of strong fibre. To the production of these wools would we call the attention of our farmers, as answering the question first proposed, viz:—From what breed of sheep can we get the most wool, and at the greatest profit on the money and labor expended? With the breeds of sheep we have already named, with our climate and soil, we have the elements necessary to raising the most valuable grade of wool. We suggest that our farmers cross the Merino and Leicester, or the Merino and Cotswold, and by the admixture of these breeds get the open, long, coarse staple of the one, thickened and made finer by the fine, close staple of the other, and thereby produce the true combing wool. And let our farmers be agreed upon this one point, and let the bulk of the wool in the county be of this desirable grade, and the county will be as justly celebrated for the production of the most valuable wool grown, as it now is for the cleanness and beauty of that which it now produces. It has been claimed by some that sheep of such opposite characters as the Cotswold and the Merino do not produce a good stock when crossed; but our observation has led us to believe the contrary of this to be true, for the finest buck we have ever seen in this county was from just such a cross, and we have seen numerous instances where such a cross has produced excellent sheep. Beyond the enhanced value of the wool we have a hardy race of sheep, which stands the rigors of our climate well, does well on our feed, and rears its young without trouble.

We remarked that our farmers should be agreed upon this subject. This concert of action will appear important when we consider that the individual lots of wool in our county are small, and when a dealer makes a price he must make it to correspond with the value of the average of the wool produced, and if the bulk of the wool was of the staple suitable for combing purposes the price would be for combing wool. If one party raise fifty pounds of combing wool, and all the others raise the medium grades, the dealer will hardly recognize so small a quantity; but let our farmers turn their attention in this direction, and the dealer expects to get a superior grade of wool and pay a price accordingly.

We might offer some suggestions in relation to the care of sheep; but we leave this part of the subject, trusting that our farmers have long since learned the difference in profit of properly caring for and feeding their sheep in winter, and letting them eke out a miserable existence cropping the dead grass of our old fields, and finding a shelter from the wintry blasts under the lee-side of a stone wall.

For the Committee,
Daniel A. Cleaveland.

—Would not Mr. Fish be more in his element if he were Secretary of the Navy?

—A lock of hair from a young woman's head is often a key to a young man's heart.

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There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

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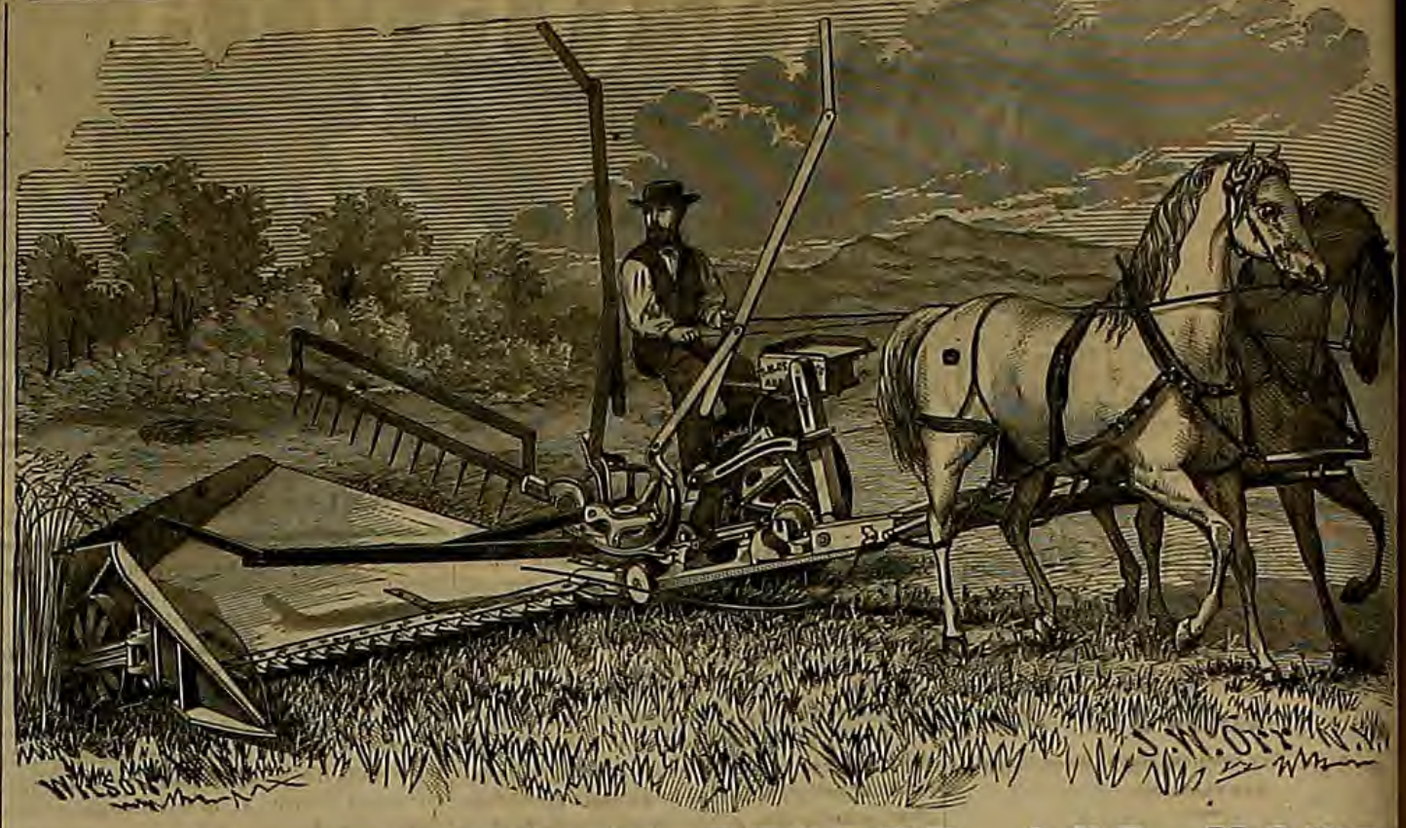

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The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self-Rake on it, than it is to carry a man to rake off, and the are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain

By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform then the Rake, of its own accord, will sweep it off.

This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the n the axle-plate, where the joint or independent action is obtained.

This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.

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Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLES, AND MOST DURABLE PUMP IN THE WORLD.

☞ Agents wanted for this Coast County Rights for sale.

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M. C. HAWLEY & CO.,

108 FRONT ST.,

SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK.

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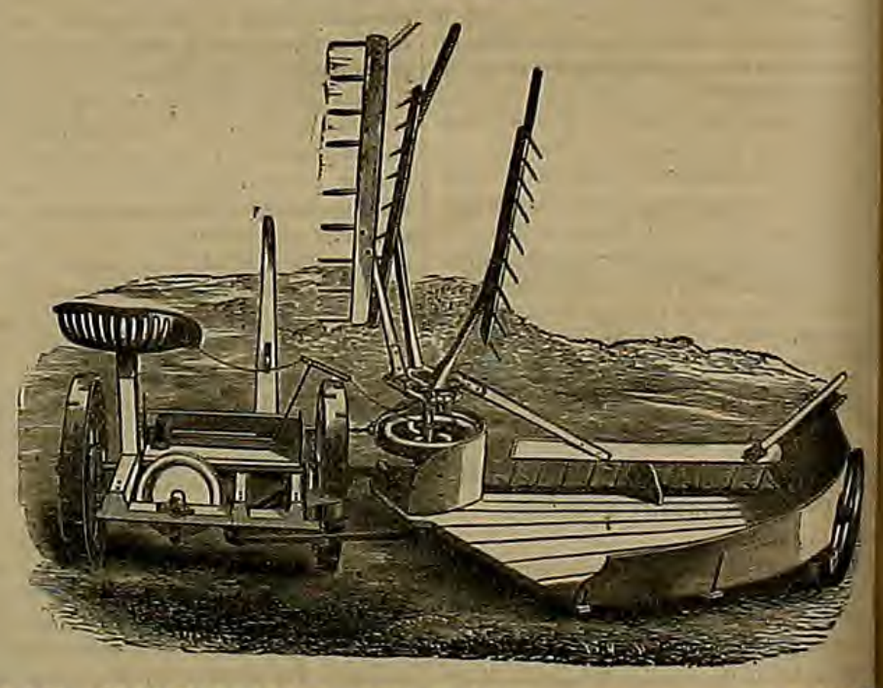

THE BUCKEYE IS THE BEST MOWER

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER

MARCUS C. HAWLEY & CO.

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER.

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could rake grain equal to the Buc eye Self-Raker.

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CELEBRATED SWEEPSTAKES THRASHER

ALSO, THE GENUINE

HAINES' REAPER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS.

And a COMPLETE STOCK of

Agricultural Implements and Hardware.

MARCUS C. HAWLEY & CO.,

31-1-3m

108 & 110 *FRONT ST., SAN FRANCISCO.*

Horticulture.

CRANBERRY CULTURE.

There are large quantities of land all over our country that will grow large crops of fruit, that are now comparatively worthless—too wet and cold for grass. Other localities, that would produce grass, but the subsoil is quite wet throughout the year, ten or twelve inches below the surface—where also good crops of corn or other grains would flourish. The preparation of the ground of the latter description will not be so great as the former. If such soil is of a rather light nature, a plough can be used and the ground thoroughly prepared; after which the plants can be set out. If the lot is extensive, it is better to plant the vines two feet or more apart, so as to cultivate between them, which always needs to be done, in order to keep out the weeds for two or three years, after which the vines will cover the ground and mostly take care of themselves; often yielding, after two years, from one hundred and fifty to two hundred and fifty bushels per acre. Where small lots are planted out, they would cover the ground much sooner by placing the vines only one foot apart. If the soil is heavy, three or four inches of sand (sea sand is best) should be carted on the surface and the whole made level. The plants should in all cases be set four or five inches below the surface of the soil, as they take root from the stem; they can safely be set deeper than many other plants, and as they thrive mostly on air and water, the deeper they are set out, the most likely they are to live. The vines may be planted out as late as June.

In regard to the land that is wet and spongy, it should be drained, and the surplus water left about ten or twelve inches below the surface. The ground can be leveled, and the more thoroughly it is prepared the more successful will be the culture. Should sand be covered over the ground to the depth of three to five inches, in order to keep the surface loose, and to prevent foul grass and weeds from choking the plants, and it is much easier to keep them clean afterwards.

As to flowing the land, which has been thought indespensable to success, it is not necessary; but where it can be done without inconvenience or great expense; it will tend to keep the plants back until the late frosts are over, which often destroy the crop; it will also aid them sometimes during the summer droughts, at the time the berries are forming. Still it is not absolutely necessary, and that is a question of some importance to know.—*Magazine of Horticulture.*

OVERSTOCKING THE FRUIT MARKET.

The small fruit growers of New Jersey, although having the promise, from present appearances, of a bountiful stock of strawberries, raspberries and blackberries; do not feel very sanguine in regard to the profitableness of small fruit cultivation: their impression being, that the market will be overstocked, and that as a consequence, remunerative prices cannot be obtained. This is only what was to have been anticipated. It is but a few years, since the special adaption of the soil and climate of New Jersey to small fruit culture, became generally known. No sooner was the fact widely announced, than thousands of persons, eager to reap a portion of the rich harvest which which had been so easily gathered by a few enterprising pioneers, rushed into the field, each confidant of being able to realize a fortune in a season or two. What added to the excitement and delusion, was the publication and wide dissemination of several attractively written books, the authors of which, without that scrupulous regard for the truth which should characterize volumes intended for public benefit—drew grossly exaggerated pictures, thereby misleading a great many credulous persons.

Our horticultural friends in New Jersey have at length been awakened to the fact, that small fruit growing is nothing more nor less than a legitimate business; which, if properly followed, will always yield fair, remunerative returns. In exceptional cases it may take a speculative form, but the plain truth of the matter is: that, like farmers, fruit growers must content themselves with moderate profits.

The idea of overstocking the market, is a very absurd one—at least with the present quantity of small fruits grown. The people of the United States have not yet been fully educated in regard to the healthfulness of fruit diet. Ten times greater quantity of fruit is consumed to day by the people of large cities, than was the case ten years ago; and this consumption will increase in precise ratio with the price at which fruit can be obtained. So soon as the masses of the people are satisfied that fruit is cheaper than meat, so soon will they use it as habitually as they now do meat. But that point has not yet been reached, although we are gradually approximating to it. Small fruit growers must abandon the idea that a fortune is to be made from a single acre, or from ten acres. They must content themselves with such profits as are made by cultivators of general farm crops. They must bring to bear upon upon their cultivation, all the latest appliances and discoveries of art and science. When this is accomplished they will be certain to find a ready market for all they can produce, and secure prices which—if not equal to the almost fabulous ones from time to time reported in the newspapers—will at least enable them to realize a fair living profit, which is all they can reasonably expect.—*Journal of the Farm.*

GRAPE SALES IN NEW YORK.

Moore's *Rural New Yorker*, of 2d inst., contains an exceedingly interesting review of the New York City Grape Market for 1868, from which we copy so much as relates to Southern Grapes:

The first arrivals in our market were sent from South Carolina, and at an earlier date than former years; but the fruit was so poor that it sold at the mere cost of transportation. These were Catawbas; and, packed in the octagon quart berry boxes, they arrived early in July. A few days later another lot was received from the same State, grown on the Derby farm, which were a fair article of grapes. Arriving in good condition, they sold from 20 to 25 cents per pound; unfortunately they had been packed in a box that was not stiff enough to protect the fruit from bruising—yet, with this disadvantage, they gave good satisfaction: but they were not thoroughly ripe, according to the standard of Northern fruit growers.

On July 29, a few more Catawbas were received from Dr. Vampill, S. C., arriving in good order; they sold at 25 cents per pound.

Aug. 22, some very good Hartford Prolifics were received from Southern Ohio, and sold at 20 cents per pound; and, on the same date, some Catawbas from another section of South Carolina, which sold at 15 cents per pound. This fruit was riper than any I had previously seen from that State; yet the stems had begun to turn black and the berries to drop from the stem, but fruit being scarce, it sold readily at the above price.

Aug. 27, there was an arrival of Concords from West Virginia, which sold at 18 cents per pound; and, on the 29th some Hartford Prolifics from Milford, Del., this latter place being a few miles further north than the former.

While speaking of Southern grapes, permit me to make a few remarks in regard to them. I find that although this fruit prospers while growing in the hot sun of the South, the intense heat of those months in which the grape ripens, is much against the fruit after picking: the heat causes them to rot very quickly after they are packed. Although they may look well before packing, during the transportation they become so damaged that if not sold the same day they arrive, it becomes so apparent on the next that it is almost impossible to dispose of them at a fair market price. The first effect, and least noticeable feature of this damage to the unitiated, is a dimming of the skin to a deadness that indicates a speedy decay, or the blackening of the stem and dropping of the berry, which is alike fatal to the sale of them. This dullness of the skin is followed by the juice oozing from the grape and standing on the skin for a short time, when they unite and wet the entire package, spoiling the fruit.

I had almost overlooked one variety of grapes grown in the South, and that is the Scuppernong. At the earnest request of several growers, I introduced them in our market, but they did not give satisfaction to our consumers. I had some of them packed in our best boxes, and sent them to prominent Agricultural writers, editors and dealers, but they would not take, and the bulk of this fruit was sold at a few cents per pound to the waggoners. This grape, in size, compares with the Northern Fox grape, and, while green, resembles it very much in color; but, when thoroughly ripe, they change to a clear and beautiful brown, spotted with a darker shade of the same, which gives them quite an attractive appearance. The skin is thick, and the pulp moderates down as it ripens to a mere sweet, spicy juice, which is quite pleasant to the taste. It is quite certain that, however palatable and popular this fruit may be in the South, it never will answer to send North to compete with the Northern grapes.

HENS.

After all that has been done for the improvement of fowls, not more than one-half of those who keep hens succeed in having them lay through the year. There are some who always do succeed, and of course reap large profits. What is the secret of success? It is neither difficult, or beyond the reach of every family who occupy a few rods of land. The hen-house need not be expensive, but should be so constructed as to be neither too hot in summer, nor too cold in winter. It should be washed with a mixture of lime and salt on the inside. Select the best breeds and put several kinds together; feed regularly, and let them always have sufficient clean water. They should have both animal and vegetable food, plenty of pounded mortar, brick, burned bones, etc. Bones not burned but pulverized make a most excellent food for laying hens. Give them peppers and pickles. They need acids to prevent their becoming too fat. Pickled peppers are better than cayenne. A slight seasoning of salt in their food is good. Sand or ashes should be provided for them to dust themselves in. If they wish to set, let them stand in a tub or barrel, with one or two inches of water, for a day or two. Above all, they should have regular attention every day. In this way, some do succeed in having their hens lay the year round. We should be glad to find more accomplishing the same thing; as it would contribute not only to the health of the family, but be of great advantage to the pocket.—*Mobile Register.*

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the article they have to sell is wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds New Brunswick Oats, by Mail, for	1 00
4 Pounds of Sweedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
1 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed or	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,

Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER OFFICE.

COMMERCIAL
STEAM
Printing House.
The Largest Office in the State.
No. 517 CLAY STREET,
510, 512 & 514
COMMERCIAL ST.
FRANCIS & VALENTINE

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

WARREN & CO.,
Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Miscellaneous.

LANDS
FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
51-3 432 Montgomery Street, Third floo

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale. To a skillful ORCHARDIST, this is a rare chance, as product of th extensive Orchards, should pay the purcha e money in three or four years.

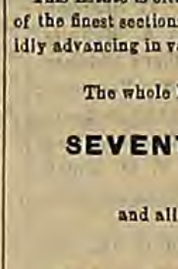
Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

31- EDITOR FARMER.

C. CROEZINGER.



DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

Wanted:

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER"

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,	$5 00
" " six months,	3 00
When payments are delayed six months,	6 00

CLUBBING.

To clubs of five, (and extra copy), six for	25 00
do twenty,	75 00
do fifty	175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at 6 00

To every club of Ten, and $50; Agricultural Books valued at 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves we shall be ready to fully renumerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

Is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....MAY 20, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for *one* insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best edium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with his paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval nd induce them to subscribe, and ask their neighbors to do so Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

We call special attention to the articles on "Cranberry Culture.—"Grape Sales in New York" and "Overstocking the Fruit Market," these are worthy of the notice of our orchardists and fruit growers, for the markets of New York and all the great cities East are open for our fruit.

SILK CULTURE.—This week we give the important and interesting letters on Silk Culture, from the leading men in that branch of our States great Industry.

We shall give a notice of the progress of Silk Manufacturing, next week.

A DARK CLOUD.—We copy this sketch from Mrs. Henry Ward Beechers excellent magazine, "The Mother at Home," and most earnestly commend the reading of it to every mother who values the peace and happiness of her child.

EARNING A WIFE.—Here is a pretty sketch, which we commend to our young men—we say to them, "go and do likewise."

We place on our 135 page, the beautiful poem of L. E. Crane, which was written for the completion of the Pacific Railroad.

Acknowledgments.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

We acknowledge the receipt of the Fourth annual Report of the American Dairymen's Association of N. Y., to which is added, the Annual Report of the Ohio Dairymen's Association; this composes the Reports of two of the largest and most important Dairy Districts in our country, the volume is about 150 pages, and contains a vast amount of practical information, of which we shall soon give particulars—thanks for the courtesy in sending us the valuable reports.

We have recieved the address on *Agricultural Education*, delivered before the N. Y. State Agricultural Society, by Andrew D. White Esq., President of the Cornell University; this is an admirable and most valuable address, and if possible we shall give the whole or part of it at an early day.—We return thanks for the copy.

We have the Report of the Sixth Industrial Exhibition of the *Mechanics Institute* of our City, held at the pavillion, from 8h of Aug. to the 12h of September last year—the report is an interesting one and neatly printed by the Women's Co-operative Print Association.

We acknowledge a copy of The Medical History of the Year 1868 in California, being an Essay read before the Sacramento Medical Society for improvement, by Dr. T. M. Logan. This is a very interesting essay; as all such papers are, which eminate from this accomplished M. D.

The American Etemologist. We are glad to notice the regular appearance of this admirable publication, it should be in all our libraries. Published by R. P. Studley & Co., St Louis Mo.

We have the Fifteenth Annual Report of the *Young Men's Christian Association*, which now shows this valuable Institution to be in a very prosperous condition, with its own Building, with a large membership, doing great good in our midst.

We have recieved the March and April numbers, of the Monthly Reports of the Department of Agriculture, containing the present condition of the Agriculture of the country.

Floral Guide.—We have recieved the Illustrated Floral Guide and Catalogue, of W. H. Lyman of Leverett, Mass., a very handsome and well illustrated work.

TRIUMPHANT COMPLETION OF THE PACIFIC RAILROAD

CELEBRATION AT SACR MENTO.

By reason of our crowded columns last week, we could not give all the minutiae of that happy Event which has been chronicled world-wide, the "Completion of the Pacific Railroad."

Sacramento already begins to feel the life blood stirring the heart-strings of business as the increased amount of Merchandize marked for *New York, Chicago, Boston, and Philadelphia*, now daily pass through that city.

The Celebration at Sacramento was a Joyous affair, composed of Eight Divisions, under the supervision of Gen. Josiah Howell as Chief Marshal, whose excellent arrangements caused the whole affair to be completed most happily.

As we published the most important features of the Event last week, we now can only add the Poem on page 135, and some data, to show who were early in the work of Railroad making.

PIONEER RAILROAD DIRECTORS.

The Sacramento *Bee* of the 7th, published the following as the Early Pioneers of Railroad Enterprises in California. As a matter of "History" It is all important and worthy of preservation.

WHO THEY WERE!—According to the files of the Secretary of State's office, it appears that the following were the Directors of the Sacramento Valley Railroad when it was originally incorporated, August 16, 1852: C. I. Hutchinson, Wm. McNulty, J. L. L. F. Warren, J. B. Patch, Julius Wetzlar, E. J. Willis, John Bigler, Wm. H. Watson, J. C. Zabriskie, Lewis B. Harris, Thomas B. Robb, and J. M. Freeman. And when reorganized October 25, 1853, the Directors were: Wm. M. Mc Nulty, C. I. Hutchinson, Julius Wetzlar, Wm. H. Watson, J. C. Zabriskie, Lewis B. Harris, C. L. Wilson, Jos. H. Nevett, W. Fern, L. W. Hooker, Addison Martin, and Henry Winkle. These men were the Railway Pioneers of California. Let them have due credit.

The annexed is from the *Commercial Herald* of our city, and this continues the sketch:

THE FIRST CALIFORNIA RAILROAD.—"The necessity for such action was fully comprehended as early as 1852, when the Sacramento Valley Railroad Company was organized with a nominal capital of $1,500,000. But, owing to the stringent provisions of the general railroad law, and other opposing causes, nothing further was done until the succeeeing Legislature modified the law in several important particulars. The company was then reorganized and the preliminary surveys made. At that time the following well known gentlemen were officers of the company: President, C. K. Garrison; Vice-President, W. T. Sherman; Directors, E. Jones, E. W. Burr, C. A. McNulty, J. A. McDougall, W. J. Pardee, Richard Chenery, A. W. McKee, C. L. Wilson, all of San Francisco; H. E. Robinson and W. H Watson, of Sacramento, and J. C. Fall, of Marysville. E. Jones was Treasurer, H. R. Payson, Secretary, T. D. Judah, Chief Engineer, and Robinson, Seymour &Co., Contractors."

As we were personally interested in the first enterprise, and remember it well, we design at early day to furnish some important items; for, at the organization of the first Board, the enterprise was esteemed a quixotic one by outsiders; yet the members of that first Board had some grit.

The meetings at all times were held at our Agricultural Hall, on J street. We remember our first trip with the other members from Sacramento to the Nine Mile House, above Marysville, which estate the Board purchased for the depot at about $6000. We have the *Photograph* of it now; and acting as we did, Secretary and Treasurer for a season, we have among the relics of the past, the *certificates*, notes, etc., of subscribers, which, by reason of the calamitive fire which devastated Sacramento in the November following, were never called for; and that enterprise fell with the ruins of Sacramento.

By the records now made, we see death has called among many of our co-workers of that early day—Peace to their memories—We then, ere another year, left Sacramento with others, and the new Legislature called into being another company, the records of which are, we suppose, in their keeping.

One thing is certain. If the fire and flood of the eventful year of 1852, brought loss upon many of that hour, the Railroad enterprise of *that Early Day*, though small in its begining, has had a most glorious result for our State, for which, as one who labored some little, and sacrificed *not a little*, rejoice to know at this day.

CELEBRATION AT SAN FRANCISCO.

We had no space last week to speak of the Grand Celebration in our City, which was indeed, most honorable to the Metropolitan City.

The Event was Celebrated by a general display of our Military and our Civic Associations, all under the admirable direction of Col. A. P. Stanford, Chief Marshal.

The Four Grand Divisions made a very splendid appearance. Orations, Poems, Dinners, etc. made the Event a happy one. The city was brilliantly illuminated in the evening.

Among the interesting events of the day, was the large turnout of the *Pioneers—the Founders of California.*

When this body of men returned to their Hall, the following Letter of Congratulation to the President and Directors of the Central Pacific Railroad, was presented by H. Kimball, Esq., read by the Chairman, and voted to be sent immediately to Sacramento, and published in daily papers.

LETTER OF CONGRATULATION.

The present is a most eventful period in the history of California, for we are about to celebrate the completion of the great Pacific Railroad, one of the most grand enterprizes ever achieved by man. This great work, in its conception, in carrying it forward, and in its completion, is *peculiarly* the work of *Pioneers*. The early advocates of it—those who wrote for it, spoke for it, worked for it—were *Pioneers*, and the present Board of Managers, the entire Executive Board, are *Pioneers*.

This great work is a Pioneer enterprize, and one *worthy* the Pioneer's devotion; and if there is any class of our citizens who should take the deepest and most earnest interest, and act a most conspicuous part in this Grand Celebration, it is the Pioneers of California, for they have always *pioneered* every great and good enterprize, from the earliest day of our State's history to the present time.

We, therefore, as the Society of Pioneers of San Francisco, should take immediate steps to send the warmest congratulations of *this Society* to the President and the Board of Managers of the Central Pacific Railroad, for their triumphant completion of this great and grand Highway.

Never in the history of the world has there ever been conceived such a grand enterprize, nor has there ever been accomplished such a work against such almost, and, we might say, such apparently insuperable obstacles; and this triumph, now about to be consummated, has only been brought about by that indomitable fortitude and heroism and that deathless energy which belongs peculiarly to the Pioneers of California.

At this present most auspicious event it is the imperative duty of Pioneers to take an active part, and their first duty is to Congratulate the President and Board of Directors, who have, amid such fearful obstacles, sustained themselves and brought about results that will soon be felt in our city and over this State with Electric power.

This is no ordinary event; its effect will be, to revolutionize almost all the enterprizes among us, by bringing us into close connection with, and almost in speaking distance with the Atlantic States, and also with the nations of Europe.

California holds the Keys to the Golden Gate of the Commerce of the world. 'Her hills and mountains are full of gold and silver;' 'her cattle are upon a thousand hills,' and her land 'is flowing with milk and honey.' It is a 'land of Perpetual Fruits.'

The present grand and successful achievement is but the fulfilment of a prophecy in the completion of 'a great highway across the desert.'

How many of our Pioneers there are now living in our midst who can recall their perils in 'Crossing the Plains;' their long, fearful and perilous journeyings of weary months, that now will be accomplished in less than one week, and that, too, across the very pathway of our early Pioneers? Some there may be here with us, while some near and dear ones have laid down to rest, to await our coming.

But the day of great things has come; the triumph is near at hand, even at our doors; and it is this great opportunity of performing a duty which should prompt the Pioneers of San Francisco to send a message of warm congratulation to those who have achieved this mighty triumph.

The work is completed, the work nobly done,
A nation has greeted a Victory won.
O'er the length of the grade, by the lightnings 'tis told,
'The last rail is laid, and spiked with our gold!'
Let peal upon peal, by the cannon's loud thunder,
The triumph now seal of the World's Greatest Wonder!
For o'er mountains of snow, tho' piled heaven high,
Our Railway shall go where the bold eagles fly.
Now let cannon and bell, in one grand chorus, meet,
And their Anthem shall tell that the Victory's complete.
Then due honor to men who have labored for years
This great victory to gain. Let us Honor "Pioneers!"

AID FOR THE SUFFERERS.

A most laudable and honorable effort, was made in our City on Monday evening last, by our Hebrew citizens in aid of the sufferers in Eastern Prussia.

A Concert and Ball was given at the Hall of the New California theatre, which was very largely attended by an earnest and happy audience.

The Concert was a most excellent one. The singers were Mrs. Northrop, whose sweet songs are ever most graciously encored; Mrs. Moore and Miss Emma Vero, (a new debutante) who sang with much grace and sweetness: Signor Carmini Morley sang also with his usual excellence.

The Instrumental music was by the Sisters Laemlin, whose most exquisite performances are always rapturously applauded, and whose superior excellence as artists, is being duly appreciated. We learn that these gifted artists, are soon to make a tour of the States and Europe, where we know they will be recieved with due honor as California Artists.

Signor M. Y. Ferrer, our esteemed Guitarist, performed with his usual extraordinary excellence.

The address for the occasion, was delivered by B. F. Peirotto Esq., was one of much interest, "The Modern Menorah," and elicited much applause. Professor Scott presided, and thus completed the Concertal part; which was all, most excellent.

The exercises were followed by a Ball, largely attended and richly enjoyed, (rather too crowded for comfort) and an excellent supper; these carried the company into the Wee Sma hours of the morning; but the results we are happy to learn, was a liberal addition to the former generous sum of over $7000, already raised for the sufferers. This is just like our Hebrew brothers, who are ever ready and liberal in every cause of Charity and Benevolence.

INSURE YOUR GRAIN CROPS.

The very large and widely extended area of our Grain fields now should lead all our Farmers to reflect upon the *Danger of Fire*, when these fields become nearly ripe and present their beautiful "Golden" look—for *this truth* should be impressed upon their minds: Fires in our Grain fields are now much more common than in former years.

Hunters, Smokers, and wandering Vagabonds, can soon prove, that however bright and Golden our crops may seem to the Farmer, and however well he may calculate upon the harvest of his crop and the Gold it will bring in to him, *one little spark* and all his hopes are *ashes*, and all is not Gold now, that was gleaming.

We desire to call the Special attention of our Grain Growers now, in season, to the great importance of Insuring their Grain fields against the danger of Fire. The *dry season*, and the time of *high winds* is near, and the danger is of sufficient importance to awaken attention to this subject, for unless the Farmer is so rich as that the loss of his crop will not inconvenience him, he should by all means *get Insured*.

We are led to these remarks by conversing with many grain growers who are thinking of these things, many feeling the great necessity of being Safe—and Safety is all important.

Farmers should remember that even out in the old States, the losses in Grain crops by Fire was most disastrous last year, and our danger here in this dry climate is vastly greater.

We have before us a Circular issued by the Pacific Insurance Company *last year*, to their agents over the Country, signifying that this Company are willing to *Insure standing crops of Grain against Fire*, and at very reasonable rates. They Insure, however, only where there is good reason to believe the Proprietors and men who reside on the place, are *prudent, careful and sober people*. They will *not Insure* against danger arising from *Bad Habits*—and this is right. Here is a Premium for Industry, proper management, Sobriety and good order.

This Company are not at all *anxious* to take these risks, but they stand ready to shield and protect all our good Farmers from these calamities.

Circulars with terms can be found at all the Agencies of the Pacific Insurance Company over this State.

Our Subscribers who call at our Office can get them. We sincerely trust this subject will not be lightly passed by, lest *Fire come to them*, and like the *theif in the night* rob them of their all.

One thing we know is certain; those that get Insured in this Company are Safe. It is a California Company, with ample capital, well managed, and losses promptly paid.

THE PEOPLE ARE COMING.

We have the evidences now daily before us that "*The People are Coming.*"

Already the names of very conspicuous personages *have* arrived on our Golden Shores.

We notice first, the Honored name of *Dorothy L. Dix*, one whose Name, Fame, and Works in the cause of *Humanity*, stands preeminently high on the roll of those whose lives are devoted to the Godlike work of Humanity.

Hon. I. S. Deibl formerly a Californian, but late consul to Batavia and more recently an extensive traveller in the Holy Land, has just returned and has been delivering lectures on Bible Lands, in the Churches in our city to large audiences; his lectures are of very great interest.

ALL HONOR TO SUCH LABORERS.

We have also the name of George Francis Train and Brick Pomeroy, men who in the Political world, and varied exciting topics of the day, are, and have been conspicuous; their name and fame will be tested in this world and by posterity by the value of their labors, and the benefit their works acheive for Humanity.

LAKE VINEYARD WINE CO.

We call special attention to the *New Advertisment* of this Company in our columns, this week. The House of Messrs. B. D. Wilson & Co., now The "Lake Vineyard Co.," are distinguished as Wine Merchants whose wines can be relied upon as the PURE CALIFORNIA WINES. Their name, fame and high reputation are now known in all the Eastern States and also in Europe.

This House make large shipments, constantly, and their wines bear very high reputation wherever known.

It is indeed worth while for any person who takes an interest in California wines to call at their immense Warehouse and see the wines there, and taste them too. *These wines praise themselves.*

VALUABLE ORCHARDS FOR SALE.

We would invite the special attention of capitalists to the *Two Very Exteusive Orchards* advertised in our Journal.

A ide from the large and certain income of these orchards yearly, the lands are certainly rising in value, and they must become a very profitable investment.

To any capitalist who has any knowledge of Fruits—any love of the business—here is a fine opening to make a great fortune in shipping Fruits over the Rail Road, East. We can give them important information on the subject.

State Normal School.—This Institution has been in session for many days, and with excellent results for the cause of Education.

We acknowledge complimentary cards for the Anniversary Exercises to be held *to-morrow* evening at "Platt's Hall."

Rain.—Quite a little shower of rain came as a refreshing this week, which however, has done no harm to our Hay crop, but much good to other growing crops extending widely over this State.

Rain at this season has been known before on several occasions, but by the appearance of the clouds, it must be more plentuous in the country than on the seaboard, and by all appearances we shall have more before the week is out.

Eastern Correspondence.

OUR N. Y. AGRICULTURAL CORRESPONDENT.

LETTER NUMBER TWO.

Editor California Farmer:—

NEW YORK, May 11th., 1869.

AMERICAN INLTITUTE FARMERS CLUB.—The regular weekly meeting of the American Institute Farmers Club, was held at Cooper Institute this afternoon: Alderman Ely in the chair. The attendance was large, many practical farmers being present. The various topics brought forward for consideration were discussed with great animation.

DEEP AND SHALLOW PLOUGHING.

John R. Walker of Dubuque Iowa, asked the opinion of the Club, in regard to the planting of pear trees and grape vines, also as to the effect of iron filings in the soil. Dr. Primle of Newark, N. J., said that the only use of iron in the soil was to impart a very fine color to the fruit, and referred to the superb tints of the peaches raised on Iron Mountain, Missouri. Mr. Bruen objected to the use of iron, preferring manure. He said the rich colors of fruits and flowers, were derived from the atmosphere and not the soil. [illegible] was made of hyacinths raised in a glass ample. J. W. Gregory spoke of blacksparks (cinders) as manure, and the rich imparted to pears by their use.

Mr. A. S. Fuller, speaking of deep ploughing said that the custom of filling holes with manure before planting, originated in Europe where there is much moisture, and has been handed down to us like many other superstitious ideas. The depth of ploughing should be determined by the character of the soil.

RAMIE PLANT.

A letter was read from Frank A. Fowler, California, asking for information in regard to the Ramie or Fabric Plant of Jara, and the means of obtaining cuttings and seeds.

Mr. Gregory said that a plant could be seen at the office of the Adams Express, consisting of twenty-four canes growing in one tub, the height of the canes being three or four feet. It was planted in Louisiana during the month of May, and in that State, could have attained the height of nine or ten feet. There are two kinds of Ramie as of cotton. The superior quality can be obtained of Mr. Buckner, of New Orleans. An inferior quality, so called China Grass. It was raised formerly in England.

GAPES IN CHICKENS.

Several members replied to the question of S. M. Disbron, of New Jersey: What will cure gapes in chickens?

S. Edwards Todd assumed that the disease was caused by worms in the throat, and recommended the insertion of a horsehair or feather.

Dr. Sawyer thought it was partly due to inflammation, and he applied the same remedy to children as to human throats, Lunar Caustic or Nitrate of Silver, drawn once around the throat, had cured a great many chickens.

Mr. Lyman reccommended sweet oil mixed with black pepper, to be applied with a feather two or three times. Melted butter or any oil will answer

Mr. Thompson of Staten Island, reccommended putting young chickens on different ground than old ones, and feeding them with wheat screenings and cracked corn, instead of Indian meal; considering these measures preventatives which is better than cure.

SWEET POTATOES.

Letters were read from Chas. P. Thatcher of Illinois and H. W. Tingle of Kansas City, with reference to the protection of hay-stacks, and the bedding of sweet potatoes; the question being asked, whether the tubers should be covered or uncovered.

A gentleman from Pensacola, Fla., advocated a covering of two or three inches of soil.

BUGS IN PEAS.

A long discussion ensued on the cause and prevention of bugs in peas.

Col. Harris of the Ohio Farmer, made some interesting remarks in regard to the raising of corn in Southern Central Ohio.

An essay on Agricultural Education and how to obtain it, will be read at the next meeting by H. Williams, also a paper on Agricultural Chemistry by Mr. Whitney. Adjourned.

FINE HOMESTEADS IN PLEASANT PLACES.

We have so many calls at our office, for homesteads in the country, that we take pleasure in inviting all who want them, to call and see our list of Estates for sale; we can always direct to pleasant places.

We now direct the attention of those who desire fine and pleasant locations, on the most liberal terms, to the large estates at Calistoga, of P. Brannan Esq., here will be found splendid locations to please all tastes; and they can be had on easy terms. See advertisement in our column.

LOOK TO YOUR PUMPS.—The little rain that has come so refreshingly, to make the earth bud and blossom, will not bring all the water wanted, and all must resort to *Pumps*. Among the many new pumps recently known, none are more generally approved and acceptable, than the "Climax Pump," sold as fast as can be made by Messrs. Linforth Kellog and Rail.

Our farmers who need a good pump, should be sure to see the pump advertised by this Journal.

OILS, CAMPHENE ETC.—The well known house of Stanford Bro., (now Josiah Stanford,) have for long years always maintained the lead in the sale of the Best Articles in the business named. Their of experience in the manufacture and sale, and perfect experience in the business, gave to the house the opportunity of furnishing to their patrons, the *purest* and *best*, at the most favorable rates.

Home Correspondence.

SILK CULTURE, ITS SUCCESS.

SAN JOSE, May 18, 1869.

COL. WARREN, ED. *California Farmer*, San Francisco.

Dear Sir;

Your favor of the 15th, I have recieved last night. You are complaining of not hearing anything from me, but my dear Sir, I never before had so much to say about silk culture; but my moving down to Los Angelos, my mulberry plantation, and the quantity of visitors that come for information and with that, the immense correspondence that I have from all parts, has kept me so terribly in a hurry that, as you know, it has been impossible for me to find a minute to write to any Newspaper, but will do it as soon as I have a moment because it is necessary, as some enemies of that great cause, are taking advantage of my being so busy to work against it, and write nonsense in some papers. The public know that I have never said anything but the truth, I intend to let them know the truth, and what is at the bottom of all that. You ask also *if I live*, my dear sir, I have never been better and felt so happy as I do at present, to see all I have said about this so important industry for our country, so far surpassed by the results.

By the fact that all those that have tried it, in the different parts of the state, has demonstrated beyond any doubt, that the whole state cannot be surpassed for this culture; that the extraordinary capacity of the soil for the mulberry tree, and the warmer and milder and more regular climate, so favorable for the worms, is the cause that the south of California is superior to the north, and in fact I think that the southern part of our state, is superior to any other point on the globe, and Los Angeles being the outer of all the southern counties, is naturaly the place for silk culture on the Pacific Coast, as after visiting that part of the country I found it exactly as it had been represented to me. I immediately resolved to make my plantations there; I have made one in the limits of Los Angeles city, on twenty acres, and made another in the same county on a forty acre tract of Mr. Hall's purchase, one mile from San Bernardino; on both places I expect fine results, as the soil is very fine.

I brought back with me, to San Jose from there mulberry shoots of one year growth, that are 14 feet long. I am now at San Jose for about three or four weeks more, then I will have to go down again for about a couple of months, and then come back home; so you see where the friend can find me this summer.

The extraordinary success at Los Angelos' has caused a great many plantations to be made last season, and I am learning every day of more that are re preparing for next. It is not to be supposed that all those that will be deceived by that big White Plue humbug, will turn their attention in this direction; but there is a chance for everybody, without any fear of loosing the vein.

All my silk worm eggs are down in Los Angeles, in a large refrigerator made for that purpose where the thermometer is kept down at 40 degrees, to keep them from hatching too soon; the others keep theirs there also.

For want of time I am obliged to close; but I think now that I am forgetting to mention to you, that I see in my letters, that three *silk reelers* and *manufacturers* are coming from three different points, and all say, that their intention is to establish silk filatures etc. I expect that among them, there will be some, competent, and serious this time. Yours truly, L. PREVOST.

SACRAMENTO SILK NURSERY,
SACRAMENTO, May 13, 1869.

COL. WARREN—*Dear Sir:*

Yours of May 6, come duly to hand last saturday, making inquiry about Silk Worm Eggs. I have to answer, First, that our Association, i. e. the California Silk Growers Association, have not yet fixed on a definite scale of prices for the sale of No. 1 French annuals. We propose to have a meeting this week and adopt such rules and regulations, with reference to Silk Culture in all its various details, as we hope to be most conducive to its ultimate and present successful prosecution. To this end we shall act in concert and establish a scale of prices that we hope to give satisfaction to the Silk producers of Europe, and command their orders for eggs.

After we have our meeting I will advise you of its action in the matter.

I hope to produce about 15,000 dozen of No. 1 French Eggs, and also a large quantity of my Californian Hybrids. They (the Hybrids) so far are the best worms that I ever fed. They are strong and vigorous—not the least sign of weakness or delicacy about them. They are also very hearty eaters indeed, I am now satisfied that this cross are going to prove a very valuable acquisition to the Silk interest of this State, and Europe also — All my worms are doing well, having about 350,000 feeding now. W. M. HAYNIE.

PLANT CRANBERRIES.—There can be nothing more certain of success than *Cranberry Planting* on our redeemed *Tule land*.

All that is required, however, is to burn off the mass of stubble grass that would prevent the *gathering* the crop: but on all level places a simple fire to burn over it, and a harrow or rake, and the work is easy and the crop sure.

Cranberry raising will be one of the most profitable crops in this State within a year; but the large *Bell Cranberry* is the only variety that should be cultivated.

—A smile is ever the most beautiful and bright with a tear upon it. What is the dawn without the dew.

—Half an ounce of powdered alum will purify twelve gallons of water.

THE NEW MELON.

THE CASSABA MELON.—We acknowledge, from Hon. Cornelius Cole, through his Brother, the reception of a package of the *Cassaba Melon seed*, which the Department of Agriculture are now sending out as a *new Melon* from *Smyrna*. Valued at *One Hundred and Twenty Dollars* per pound.

That it is a valuable melon we are ready to admit; that it is new to many now, is also true, but this melon was raised by us, in Massachusetts, more than *Twenty-five years ago*. The seed was brought to us by the Rev. John Pierpont who had been visiting the Holy Land. From the seed then given us we raised fine melons at our Home in Brighton Mass., and exhibited them at the Rooms of the Massachusetts Horticultural Society, we also brought seed to California, and have raised the melons both at Sacramento in 1852-3, and also here. This seed, however, we shall have planted here and watch its culture and test its as compared with former times. We return sincere thanks to the Donor, however, for the kind memories it revived of our years of Friendship with the noble Poet now in Heaven.

WOOL CROP.—The spring clip already shows that we are to have a much larger clip than last year and it comes in in better condition and will bring better prices.

New Advertisements.

LAKE VINEYARD WINE COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade-mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

We respectfully solicit your patronage. Yours, truly,

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,
May 1st, 1869. San Francisco.
31-16

ECONOMY WASHING MACHINE!

A new lot of the above named Machines, including all the latest improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JONES, BONNER, MISSION, SAN JOSE, LAMEDA COUNTY, will receive prompt attention.

20,000 NEWSPAPERS.

We have TWENTY THOUSAND Newspapers—Newspapers of the largest size among our Exchanges, suitable for WRAPPING PAPER for Dry Goods, Clothing, etc.

—ALSO—

TEN THOUSAND

Of the best agricultural Papers known, comprising our various agricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on Agricultural matters, can have these at low rates by the 100. Apply at FARMER OFFICE.

NEW GRAINS AND GRASSES.

We ask special attention of all persons who have low meadow lands, or Tule lands redeemed, to the New Grains and Grass Seed received by the late steamers.

As these are entire *New Varieties*, never before known here, it would be well to plant small lots in order to secure the seed for another year.

To those who can do so advantageously, and to some extent, *we will furnish Seed on liberal terms*. Apply at *Farmer Office*.

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have "*Tule lands*," for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

Agricultural Implements. New Advertisements.

TO THE FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS' PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

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New Advertisements.

GEO. O. WHITNEY & CO.

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FURNITURE

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ESTABLISHED 1850.

HAVE RE-OPENED AT THE NEW AND SPACIOUS BUILDINGS,

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Where will be found the most EXTENSIVE AND VARIED ASSORTMENT OF GOODS in the above lines ever before exhibited for sale on the PACIFIC COAST 31-13

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HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

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THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all the trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

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WHEELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

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SAN FRANCISCO.

SPENCE & LENDRUM,
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20,00 lbs. Tobacco Stems.

Twenty Thousand pounds of Tobacco Stems, American and Havana, FOR THE CURE OF SCAB and other diseases on the Sheep.

For sale in lots to suit purchasers. Orders from the Country promptly attended to.

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TWO $10 MAPS FOR $1.

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Two Continents, America and Europe, and America with the United States portion on an Immense scale.

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Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand.

21-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

Home Miscellany.

EARNING A WIFE.

"And so you want to marry my daughter, young man?" said farmer Bilkins, looking at the young fellow sharply from head to toes.

Despite his rather indolent, effeminate air, which was mainly the rusult of his education, Luke Jordon was a fine looking fellow, and not easily moved from his self possession; but he colored and grew confused beneath that sharp, scrutinizing gaze.

"Yes, sir; I spoke to Miss Mary last night, and she referred me to you."

The ol dman's face softened.

"Molly is a good girl, a very good girl," he said stroking his chin with a thoughtful air, "and deserves a good husband. What can you do?"

The young man looked rather blank at this abrupt inquiry.

"If you refer to my abilities to support a wife, I can assure you"—

"I know you are a rich man, Luke Jordon, but I take it for granted that you ask my girl to marry you and not your property. What guarantee can you give me, in case it should be swept away, as it is in thousands of instances, that you could provide for her a comfortable home? You have hands and brains—do you know how to use them? What can you do?"

This was a style of catechism for which Luke was quite unprepared, and he stared blankly at the questioner without speaking.

"I believe you managed to get through college; have you any profession?"

"No, sir; I thought—"

"Have you any trade?"

"No, sir; my father thought that with the wealth I should inherit I should not need any."

"Your father thought like a fool, then. He'd much better have given you some honest occupation and cut you off with a shilling—it might have been the making of you. As it is, what are you fit for? Here you are, a strong, able-bodied young man, twenty-four years old, and never earned a dollar in your life! You ought to be ashamed of yourself. And you want to marry my daughter. Now, I have given Molly as good advantages for learning as any girl in town, and she hasn't thrown 'em away; but if she didn't know how to work she'd be no daughter of mine. If I choose, I could keep more than one servant; but I don't, no more than I choose that my daughter should be a pale, spiritless creature, full of dyspepsia and all sorts of fine lady ailments, instead of the smiling, bright-eyed, rosy-cheeked lass she is. I did say that she should not marry a lad that had been cursed with a rich father; but she has taken a foolish liking for you, and I'll tell you what I'll do: Go to work, and prove yourself a man; perfect yourself in some occupation—I don't care what, if it is honest—then come to me, and, if the girl is willing, she is yours."

As the old man said this he deliberately rose from the settle of the porch and went into the house.

Pretty Mary Bilkins was waiting to see her lover down at the garden gate, their usual trysting place. The smiling light faded from her eyes as she noticed his sober discomfited look.

"Father means well," she said, as Luke told her the result of his application. "And I'm not sure but he's about right, for it seems to me that every man, rich or poor, ought to have some occupation."

Then, as she noticed her lover's grave look, she said softly:

"Never mind, I'll wait for you, Luke."

Luke Jordon suddenly disappeared from his accustomed haunts, much to the surprise of his gay associates. But wherever he went, he carried with him those words which were like a tower of strength to his soul; "I'll wait for you, Luke."

One pleasant sunshiny morning, late in October, as farmer Bilkins was propping up the grapevine in his front yard, that threatened to break down with the weight of its luxurious burden, a neat looking cart drove up, from which Luke Jordon alighted with a quick, elastic step, quite in contrast with his former easy, leisurely movements.

"Good morning, Mr. Bilkins. I understand that you wanted to buy some butter tubs and cider barrels. I think I have some that will just suit you."

"Whose make are they?" asked the old man, as opening the gate, he paused by the wagon.

"Mine," replied Luke, with an air of pardonable pride.

Mr. Bilkins examined them one by one.

"They'll do," he said coolly, as he set down the last of the lot. "What will you take for them?"

"What I asked you for six months ago to-day—your daughter, sir."

The roguish twinkle in the old man's eyes broadened into a smile.

"You've got the right metal in you after all," he cried. "Come in, lad; come in. I shouldn't wonder if we made a trade after all."

Nothing loth, Luke followed.

"Molly!" bawled Mr. Bilkins, thrusting his head into the kitchen door.

Molly tripped out in the entry. The round white arms were bared above the elbows, and bore traces of the flour she had been sifting. Her dress was a neat gingham, over which was tied a blue checked apron; but she looked as winning and lovely as she always did wherever she was found.

She blushed and blushed, and smiled as she saw Luke, and then, turning her eyes upon her father, waited dutifully to hear what he had to say.

The old man regarded his daughter for a moment with a quizzical look.

"Moll, this young man—mayhap you've seen him before—has brought me a lot of tubs and barrels, all of his own make—a right good article, too. He asks a pretty steep price for 'em, but, if you are willing to give it, well and good; hark ye, my girl, whatever bargain you make, your father will ratify."

As Mr. Bilkins said this, he considerately stepped out of the room, and we will follow his example. But the kind of bargain the young people made can readily be conjectured by the speedy wedding that followed.

Luke Jordon turned his attention to the study of medicine, of which profession he became a useful and influential member, but every year, on the anniversary of his marriage, he delights his mother-in-law with some specimen of the handicraft by which he won what he declares to be the best and dearest wife in the world.

A DARK CLOUD.

I often wonder that among the thousand dangers of early life, the dreadful liabilities which lie on either side of this careless track, Parents are not more anxious as to the possible results of a passionate temper. They witness the sudden paroxysm of anger, the uplifted hand to strike, the missive, thrown at hazard, among precious eyes and limbs, and too often these youthful offenders receive only a gentle reprimand, or a threat that the next offense shall be followed by punishment.

It is frequently remarked, in reference to a daily recurring fault, that it is not well to notice every time it is committe d This is true in regard to very many of the trifling offences of childhood, for, of course, these little unreasoning and unreasonable creatures, must begin the experiment of life in a very reckless style, which their cunning and and infantile graces were, perhaps, meant to cover and excuse; and for these, a shake of the head, or a warning finger suffices. One would not wish to subject the unconscious little stranger to the terrors of the law, when the gospel of love would be so much better understood.

But we all know how rapidly these pretty little ways, so full of intelligence, begin to assume a distinctive character, and to settle into habits which call for the exercise of more effective measures. The dangers of this period are not limited to one fault; but it is of one only, that I, at this time, raise a warning voice—a passionate temper—which suddenly clouds the reason and comes crashing, like an avalanche, through all barriers of decorum, respect and affection, exploding in dreadful words, if not in fatal deeds.

It is often said of this fearful propensity, that it will be rectified when the child grows up; but why not help the child now, and thus forstall the necessity of so much self-reproach and painful discipline as will be needed when the soft pith has hardened into a rigid fibre. It seems cruel, that when the habits of early youth are ripened into the principles of manhood, our children should be still left struggling with a wayward and ungoverned temper, which early discipline might have subdued. I do not know why a stand should not be taken early against this common sin of childhood, as well as against those of lying and stealing, which, if detected, generally call forth such pungent measures as to convince the youthful culprit that no leniency or toleration can be hoped for on these points of offense.

Besides the mental suffering which inevitably comes to one who has passed the period of childhood, unchecked and unmollified by parental gentleness and firmness—for it is not violence which should be opposed to violence—there are often most tragical results from this evil temper, which bring a dark cloud over the soul, that no after sunshine has power to dispel. One moment of anger may cause a life of sorrow.

And has not God, in his gracious providence, given parents the very best time in which to secure a child against these fearful liabilities; even those morning hours, in which the first springing of thought and feeling in the transparent soul may be carefully watched?

I have now, in my mind, a little boy who, when six or seven years old, was the tyrant of the household. I have reason to think that there was opposed no discipline to his imperious temper. The parents would say it was naughty to do so; but, as his naughtiness offered no barrier to unbounded indulgence, he cared little for the "soft impeachment," and I have thought, if this child at six years spurns all control, and, when contradicted in his despotic will, roars and storms like a fury, what will he do at ten years

But I little imagined what would really be the result. It was no less than giving his father a blow, while in a passion, from the effects of which he never recovered. This was known: but how many domestic tragedies have been perpetrated and hidden deep in a parent's heart, God only knows

In regard to this case, what heart but must shrink at the mournful thought that all the sunshine of this early manhood, must frequently be quite shut off, and the soul chilled and shrouded in gloom, whenever memory brings back the *dark cloud.—By Zell, in Mother at Home.*

TREATMENT OF DYSENTERY.—Beat one egg in a teacup; add one tablespoonful of loaf sugar and half a teaspoonful of ground spice; fill the cup with sweet milk. Give the patient one tablespoonful once in ten minutes until relieved. This recipe I obtained from the wife of a clergyman, who assured me that she cured a woman with it, after she was considered past cure.

AN EXCELLENT REMEDY FOR CONSTIPATION.—Take wheat bran one pint, water one quart. Steep the bran in the hot water all night, and drink a tumblerful early in the morning.

Miscellaneous.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C. McHALE,
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SAMUEL H. HILL, ... AGENT.

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PHOTOSCOPIC

Table Company.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION

this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changable pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style, so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

Those who desire to PURCHASE, can see one of the Tables by calling at the FARMER Office, or addressing

EDITOR FARMER. 32-1

GARDEN GROUNDS LAID OUT,

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
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....AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,
Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORRILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 29x1

Preserve Your Sight!

BRAZILIAN PEBBLES.
SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

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Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental Variety
JAPAN LILLIES,
Rare Kinds ROSES,
GERANIUMS,
HELIOTROPES,
FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

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Miscellaneous.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868.

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months.....$35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S J. President.

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact), and the probability that unless checked this large sum of money will be increased each year, until, in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster BY ITS INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION, *whose capital and assets will not be impaired or injuriously affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union.* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

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MUTUAL LIFE

Insurance Company

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All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION OF DEBTS, whether the policy be in favor of the *party assured*, or of *any other person*.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured *at any time* when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium, for a period *corresponding* to the time they have paid all cash, by merely giving their note, and paying the interest in advance.

Wm. R. WHEATON, General Agent.

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Wild Cherry Bitters.

TRADE C. O. D. MARK

This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

DYSENTERY, DIARRHŒA

NERVOUS AFFECTIONS,

Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

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A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

No one but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
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SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

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Or GEN. JOSIAH HOWELL, Sacramento City.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868,

FOR THE BEST

WHITE AND RED WINES

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867.

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINE

ISIDOR LANDSBERGER,

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RAISIN,

And other choice

GRAPE CUTTINGS.

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WINES AND BRANDIES

Of the choicest variety on hand and

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GOLD MEDAL AWARDED IN
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TO THE

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BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal.

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Best and Choicest Vines and plants known. The following rarities received:

Blackberries—THE KITTATINY, WILSON'S EARLY

Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pint, GOLDEN QUEEN, magnificent, GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO.
FARMER OFFICE

THE EARLY ROSE POTATO

THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Sacramento man, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this valuable Potato.

WARREN & CO.
Farmer Office

THE NEW OATS AND CLOVER

We have received per last Steamer, a few bushels of the New Grains, pronounced to bevery wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and mail them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.
Farmer Office

A CARD.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The near approach of the completion of that Grand Road of all HUMAN ENTERPRISES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST to SECURE IT, and when once secured, they can more easily KEEP TO IT.

We therefore invite all such who have valuable IMPROVEMENTS, MANUFACTURES, INVENTIONS, BOOKS, PAINTINGS, &c. to the Columns of the CALIFORNIA FARMER, that will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop'rs.

Miscellany.

SACRAMENTO RAILROAD CELEBRATION.

The following Poem, written for the Completion of the Pacific Railroad, was most admirably read by Albert Hart, Esq. at the Celebration on the 10th.

POEM.

BY L. E. CRANE.

Let pæans sound from metal throats!
Ring out, keen bells, defiant!
We may not seek for sweeter notes
To greet our belted giant,
Nor may we look for fitter place
To clasp at last the woven monster,
Than here, where in its new, dark days,
A brave young State stood sponsor!

Not strange the act; by magic wrought
From chaos into splendor,
She felt the vigor and the thought
Her living sons could render;
She knew that men who trampled down
The prison wilds and deeps around her,
Might dare to build this iron crown
Above the Gold that crowned her.

O, weary were the early days,
When heroes bravely bore them
In toilsome march, through unknown ways,
Where dangers lay before them;
But all the discord that they knew
Was fitful prelude to the thunder
Of this grand anthem to the true,
A world now hears with wonder.

Where mountain wilds and desert plain
Once saw their silent camping,
Now, screaming back, with floating mane,
The iron-horse goes tramping.
The camp-fires yet—their early home—
Shall burn and live in song and story;
The sacred vestal fires of Rome
Less fraught with grace or glory.

While never halting ranks of years
March down the aisles of ages,
The quick-step of our Pioneers
Will echo from the pages
Of Earth's best music; here we greet
This Prince of their great House—nor wonder
At such swift manhood—rushing fleet
Through mountains reft asunder.

We love the sparkling jewels hung
On Time's broad breast by sages;
We treasure rare thoughts said and sung
In other climes and ages;
Nations have knelt to trenchant swords;
But, hushing praise of pen or saber,
Comes music from these iron chords—
A hymn to Thought and Labor!

How brief the time has been; how few
The days and years repeated
Since ground was broken first to do
The great work—now completed!
Who dare predict what Time at length
May bring to cheer mankind or frighten,
While gazing on the stalwart strength
Of this grand free-born Titan?

All honor to the work! All praise
To men through whose devotion
Nature now kneels in open ways
From ocean unto ocean!
Great mountains climbed and cleft; broad plains,
Bleak deserts and rich valleys blending
From West to East will mingle strains
Of triumph—never ending.

The belt of fire Columbia rears
Shall never lose its luster!
The flaming scroll she proudly bears
From sea to sea, shall muster,
On distant shores, in darker lands,
A host of men—and God will lead them
To seek, and guard from Vandal hands,
Our shrine of Hope and Freedom!

THE PHILOSOPHY OF ILL HEALTH.

Sickness is very largely the want of will. Everything is brain. There is thought and feeling, not only, but will: and will includes in it far more than mental philosophers think. It acts universally, now as upon mind, and then just as much upon the body. It is another name for life, force. Men in whom this life or will power is great, resist disease, and combat it when attacked. To array a man's mind and will against his sickness is the supreme art of medicine. Inspire in men courage and purpose, and the mind-power will cast out disease. "Nothing ails her. It is only imagination," said the nurse to him one day.—"Only" the imagination? That is enough. Better suffer in bone and muscle than in the imagination. If the body is sick, the mind can cure it; but if the mind itself is sick, what can cure that?—*Norwood.*

WHAT WOMEN ARE DOING.

—The church which Mrs. Samuel Colt has erected on her grounds at Hartford, in memory of her husband, is called the "finest church in America." It is small but gorgeous, and in many respects unique. The lectern is of gold plate set with carbuncles, and the tiling and various other parts are imported.

—A free school of telegraphy for women has just been opened at the Cooper Institute. Within the term which commenced February 15th and ends July 1st, 1869, the pupils are to be fully prepared to take the positions waiting for them in the Union Telegraph Co. Miss Lydia Snow, connected with that company, acts as preceptress. There are twelve young ladies in the class.

—Miss Vinnie Ream's statue of Mr. Lincoln has been recently examined by intimate friends of the late President, and pronounced by them to be a success, not only as an excellent likeness, but as representing that thoughtful, benignant mood of the subject best worth perpetuating in marble.

—It is stated that there are over three hundred graduates of female medical colleges now in active practice in the United States, some of whom are in receipt of $10,000 per annum from their profession.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN, PROPRIETOR

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retailers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.
30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

AVERY TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a d n re in for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and invaluable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmon Meyer.]
SACRAMENTO
Edgar Mills, G. W. Mowe, C. T. Wheeler.]
MARYSVILLE:
J. H. Jewett.
STOCKTON:
T. R. Anthony.
PORTLAND, OREGON:
W. S. Ladd, Jacob Kamm.
VIRGINIA, NEVADA:
Wm. Sharon

Officers:

JONATHAN HUNT, President
A. J. RALSTON, Secretary,
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.
T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to and keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S NORTH POINT GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit: five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORTIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Oils, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, May 20

The Grain interest begins to show, as we have all along said, the low rates that must rule not only for this year, but for a series of years to come.

A little reflection on the part of grain growers must convince them that with such an extended area of cultivation, and with the greatly improved Implements for Plowing, Planting and Harvesting, our Farmers can raise Wheat and all other grains at a much lower cost than ever before, and consequently, a larger amount will be raised every year, and this crop must be sold, and large crops will affect the value always.

Another feature should be observed, that many persons who are not permanently located on farms, will take up large tracts of land as a *matter of speculation*. They will hire the land, hire men to plant and harvest it; they will do this as an investment, and they will sell at Harvest time for what it will bring, in order to close up the Experiment, and this *can be done*, and it *will be done* the same as any other speculation.

As an evidence that Grain (wheat) will rule low in the future, we frequently learn from parties their willingness to contract at a low figure for three or five years—we have heard of offers being made by growers to contract for the next five years at 1¼ cents, and as we have said, they can do so with profit; for by means of better Implements to work with, the cost of raising grain has been reduced more than half within the *last three years*.

The immense saving in the cost of plowing by means of the "Gang Plows" of Webster Brothers, of Stockton, and another vast saving by means of their "Steam Thresher," will work a revolution in grain growing, and if our Farmers will be content to raise grain on a large scale, and sell it at a low figure (this will pay well too,) they can supply Europe with all they can grow.

The motto of our Grain growers should be: Sell! Sell!! Sell at Harvest for whatever the market shall be. Then our Grain would go abroad, and we should get rich at Home; and there would be no complaints of scarcity of Gold, for California could raise and export Wheat to the amount of *Fifty Millions of Dollars* annually, if the Farmers would only do up their work in the right way.

Choice Wheat is not so abundant at 2d and 3d rates, by reason of our Farmers neglecting to plant pure seed, and a carelessness in cleaning. They hurt themselves by this great oversight.

Barley is lower. Oats ditto.

Corn and other products such as Potatoes, Hay, Bran, etc are generally plenty.

Oregon, by her large shipments frequently affects our Markets, and when the Railroad thence shall be completed, she will be a large shipper.

Grain, &c

Wheat California, ₩ 100 lbs	$1 25	@	1 40
do Extra	1 40	@	1 55
Barley, ₩ 100 lbs	1 25	@	1 50
Rye ₩ 100 lbs	3 00	@	3 25
Oats, California, ₩ 100 lbs	1 40	@	1 75
Corn ₩ 100 lbs	1 25	@	1 40
Flour, Superfine, ₩ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₩ 100 lbs	2 25	@	3 00
Buckwheat, ₩ 100 lbs	2 50	@	3 00
Bran ₩ ton	14 00	@	16 00
Middlings ₩ ton	20 00	@	25 00
Oil Cake Meal, for feed, ₩ ton		@	35 00
Beans, ₩ 100 lbs	4 50	@	6 00
Potatoes Old	50	@	75
Potatoes, New	1 50	@	1 75
do sweet		@	
Onions	7 00	@	8 00
Hay, ₩ ton, extra	10 00	@	17 50
Hay, ₩ ton, ordinary	8 00	@	12 00
Straw ₩ ton	—	@	—

Retail Prices in the Fruit Market.

Our Fruit Market makes her best show in *Strawberries*. Large amounts to the total of *fifteen tons daily*—some days *twenty tons* come and go in a little time. This morning, by reason of a very large supply, and an excess of this fruit of yesterday laid over, it was peddled about our streets at 3 *pounds for a quarter*. The price is generally 10 and 12½ cents at retail.

Cherries come in freely now, and sell at 25 to 50c.—Some splendid samples come now, Blackberries begin to come in, and these fruits constitute the dessert at this season and a healthy one, too.

Apples, ₩ box	1 50	@	4 00
Pears, ₩ lb	10	@	15
Plums, ₩ lb	—	@	—
do Large	—	@	—
Peaches, ₩ lb		@	
do Dried	12½	@	15
Nectarines, ₩ lb	—	@	—
Apricots, ₩ lb	—	@	—
Cherries, ₩ lb	25	@	50
Muscat Grapes, ₩ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₩ lb	—	a	—
Grapes, white, sweet water, ₩ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	a	—
Quinces, ₩ box	—	@	—
Figs, dried, ₩ lb	15	@	20
Strawberries, ₩ lb	10	@	15
Raspberries, ₩ lb	—	@	—
Blackberries, ₩ lb	—	@	25
Gooseberries ₩ lb	12	@	15
Currants, ₩ lb	—	@	—
Lemons, ₩ 100	5 00	@	6 00
Oranges, ₩ 100	3 00	@	4 00
Limes, ₩ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₩ lb	25	@	40
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

No Market in Christendom can make a better display of "Garden Sauce" than San Francisco. Those who really wish to know what is grown, should rise early and visit Sansome Street before 7 A. M. There the long row of carts and waggons, with fresh Vegetables, would make the visitor more fond of this nourishing food. Our people eat too much *meats* and too little Vegetables and Fruits. Health would be much promoted by a change in this respect. Let everybody go down at early morn and see the *One Hundred and Fifty Tons* of *Garden Sass* that is daily used in our *little city*.

Asparagus, ₩ lb	8	@	12
Artichokes, (Fr.) ₩ doz	25	@	50
Brussell's sprouts, ₩ lb		@	—
Beets, ₩ doz	—	@	—
Broccoli, ₩ doz		@	25
Cauliflower, ₩ doz	1 00	@	1 50
Cabbage, ₩ doz	100	@	1 25
Carots, ₩ doz	—	@	25
Celery, ₩ bunch	10	@	15
Cress, ₩ doz. bunches		@	25
Cucumbers, ₩ doz	1 25	@	1 50
Cranberries, ₩ gall	1 00	@	1 50
do eastern, ₩ gall	—	@	1 50
Dried Herbs, ₩ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₩ lb	5	@	6
Green Corn, ₩ doz ears		@	—
Sugar Peas	8	@	10
Lettuce, ₩ doz bunches	25	@	37
Mushrooms, open growth, ₩ lb		@	—
do cultivated		@	—
Onions, ₩ lb	5	@	10
Horseradish	20	@	25
Okra, dried, ₩ lb	1 25	@	1 50
Potatoes, ₩ 100 lbs		@	3
do do new	5	@	7
do Sweet	3	@	5
Pumpkins		@	25
Parsnips, ₩ doz bunches		@	25
Parsley	50	@	75
Pickles in jars, each	8	@	10
Rhubarb ₩ lb		@	37
Radishes, ₩ doz bunches		@	37
do yellow		@	37
do black, ₩ bunch	50	@	75
Green Peppers	50	@	75
do Red		@	
Squash, Summer	3	@	5
do Marrowfat	5	@	8
do Hubbard	8	@	10
Beans, String		@	
Green Lima, shelled	25	@	40
Spinage, ₩ basket	10	@	15
Salsify, ₩ bunch	25	@	37
Turnips, ₩ doz	50	@	75
Tomatoes, fresh, ₩ lb	7	@	20
Garlic		@	

FISH

(Tessmore and Hayes.)

In spite of the abundance of every other kind of nourishing food in our markets, the Fish Market makes a good display. Lobsters, Crabs, and all kinds of shell Fish, with our splendid Salmon, and Trout over the Pacific Railroad, give our people all the best dishes in this department, and these are used largely.

Splendid Lake Trout via. the Pacific Railroad, come daily to the stall of Tessmore & Hayes, in the California Market.

Salmon, ₩ lb	—	@	10
do smoked, new	10	@	12
do pickled, ₩ lb	—	@	5
Salmon Trout ₩ lb	—	@	25
Smelts	8	@	10
Perch		@	12
Rockfish		@	18
Codfish, dry	—	@	
Herring, fresh	—	@	1 00
do smoked ₩ 100	—	@	15
Tomcod	—	@	15
Sardines, fresh	—	@	6
Solefish	—	@	25
Crabs large ₩ doz	—	@	1 —
do small	—	@	25
do soft	—	@	50
Terrapin, ₩ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	—
Shrimps, ₩ lb	—	@	10
Flounders	—	@	18
Sea Bass	—	@	1 00
Halibut, rare	—	@	4
Sturgeon	120	@	1 25
Oysters, ₩	10	@	12
Lobsters, ₩ lb		@	62
Turbut			

MEATS.

(L. Miller & Co.)

Our Meat Market is all that is desirable. Every kind of the solids are in good order—Beef well fatted, Mutton very fine, and other meats of first order. Rates lower.

Beef, tenderloin, ₩ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	—	@	10
Pork, rib, etc., ₩ lb	12	@	15
do chops	12	@	15
Veal, ₩ lb	15	@	18
do cutlet	—	@	18
Mutton, chops, ₩ lb	10	@	12
do leg	—	@	10
Lamb, ₩ lb	12	@	15
Beef Tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₩ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

POULTRY AND GAME.

This branch of housekeeping wants is not well supplied. Poultry is not plenty; but summer wants of light food such as Chickens, Rabbits, etc. clean our markets very quickly, for our people *do love to live well*.

By referring to our prices it will be seen that Poultry is scarce and high. Judicious Poultry men should get rich.

Ducks, wild ₩ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back		@	—
do Mallard	—	@	—
do Teal, ₩ doz		@	
Geese, wild, ₩ pair		@	
do tame	4 00	@	4 50
Chickens, Young, each	75	@	1 00
Turkeys, ₩ lb	30	@	35
Hens, each	1 25	@	1 38
Snipe, ₩ doz	1 50	@	2 00
do English	—	@	3 50
Venison, ₩ lb		@	—
Quails, ₩ doz		@	
Pigeons, domestic, ₩ doz		@	4 00
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₩ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₩ doz	12 00	@	13 00
Spring Chickens	7 00	@	10 00
Turkeys, ₩ lb	—	@	30
Ducks, tame, per doz	7 00	@	10 00
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₩ doz	—	@	—
Pigeons, domestic, ₩ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₩ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

This part of our Home wants remains about the same. Sweet Butter, Fresh Eggs, Cream, Cheese and Honey, all comes in plenty, and at very reasonable prices, as can be seen below.

Butter, California, ₩ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	—	@	—
Eggs, California, ₩ doz	—	@	50
Duck-eggs	—	@	45
Cheese, ₩ lb	—	@	25
Lard, California	—	@	20
do Eastern	—	@	30
Honey, new	25	@	30
Vermont Maple Sugar ₩ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₩ lb	30	@	40
do do packed	—	@	—
do Eastern (new)	—	@	—
Cheese, California	16	@	18
Eggs, ₩ doz	—	@	40
Lard, ₩ lb	12	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 9 @ 10c ₩ lb
do. 2d do. 7 @ 8c.
MUTTON—6@8 ₩ lb. LAMB—9@10c.
PORK—undressed, —7@11c; dressed, 11@12c.
VEAL—@12½c ₩ lb.

New Productions of California.

Flax Seed ₩ lb	3½	@	4½
Hemp Seed ₩ lb	8	@	10
Castor Beans ₩ lb	3½	@	5
Castor Oil ₩ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20@22
do extra	25@27
Medium	15@18
do burry	10@12
Wool-sacks, new	80@1 00
do second hand	40c@50
Dry hides, ₩ lb	16@18
Green salted, ₩ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@20
Goat skins, each	40@60
Refined Tallow	8½@9¼

CRANBERRY PLANTS BY MAIL. Enclose 50 cents per 100, and send for Circular. OIL PAPER. 6 cents per sheet by mail, $1 50 per 100 sheets; size 24 by 36 GRAFTING-WAX, for Nurserymen and others, highly recommended, and at satisfactory prices. F. TROWBRIDGE, Milford, Conn. 31-13 1mo

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

May 8—COLORADO, Capt. W. H. Parker, connecting with ALASKA, Capt. Gray.

May 18—CONSTITUTION, Capt. Wm. H. Hudson, connecting with HENRY CHAUNCY, Capt. Conner.

May 29—GOLDEN CITY, Capt. Wm. F. Lapidge, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oct OLIVER ELDRIDGE, Agent.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

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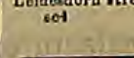
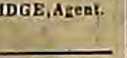


THE FAST AND SPLENDID STEAMERS



CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m.

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CENTRAL PACIFIC RAILROAD

ON AND AFTER THURSDAY, NOV. 5th, UNtil further notice, the Trains of the Central Pacific Railroad will run daily, Sundays excepted, as follows:

Going East.

Passenger Train will leave Sacramento at 6.30 A. M.; Colfax at 9 50 A. M.; Reno at 4.20 P. M.; Wadsworth at 6.30 P. M. Winnemucca at 3 30 A. M.; Argenta at 8 50 A. M.; and arrives at Elko at 1.40 P. M.

Going West.

Passenger Trains leave Elko at 4.10 A. M. Argenta at 9.05 A. M. Winnemucca at 2.30 P. M. Wadsworth at 12 05 P. M. Reno at 2 19 A. M. Colfax at 9.50 A. M. and arrives at Sacramento at 1.20 P. M.

Second Class Cars accompany Freight Trains, on which Passengers are conveyed at reduced rates.

The 6.30 A. M., passenger train connects at Junction with the cars for Marysville and all points of Northern California and Oregon.

At Auburn with Stages for Yankee Jims, Forest Hill, Michigan Bluffs, Coloma, Greenwood and Georgetown.

At Colfax with Stages for Grass Valley, Nevada, San Juan, Camptonville, Forest City, Downieville and Iowa Hill.

At Dutch Flat with stages for Little York, You Bet, Red Dog and Nevada.

At Reno with stages for Virginia City, Gold Hill, Silver City Dayton, Carson, Washoe City, and all parts in the State of Nevada.

And at Winnemucca with stages for Paradise Valley, Camp Scott, Camp McDermit, Silver City, Gwyhee, and all points in Idaho Territory.

At Argenta with Stages for Austin, and at Elko with Stages for White Pine, and Overland Stages for Salt Lake City and the Atlantic States.

C. CROCKER,
General Superintendent

A FINE COUNTRY RESIDENCE

A Farm of 100 acres of good land, well watered and fenced, 3 miles from Napa City. On it is a vineyard of 7,000 vines, five hundred being of foreign varieties; an orchard of, between five and six hundred fruit trees; a good new roomy house, tastefully planted about with ornamental trees and shrubs. Also, large barn stable, and other out-houses; with the above will go horses and harness, first-rate farm wagon, saddle and bridle, farming implements, gardening tools, poultry, contents of house, etc. The land, with exception of 15 acres, has not been broken up this season, and has a volunteer crop on it, which will make good hay, and is fine pasture now. If required, a portion of the purchase money could remain on mortgage at a low rate of interest.

PRICE OF ESTATE, $8,000

Persons wishing a very fine Estate, are invited to call on the undersigned, on the Premises, who will show them the Estate.

THOMAS SINCLAIR.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLane's Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not accept any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROTHERS, Pittsburg, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the vendors of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Hepatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER COMPLAINT, BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and certain. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous of the fact. It is our sincere wish that these Pills should be fairly and for tested, and stand or fall by the effects produced when they have been so tested, that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular nostrums of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms consequent on a deranged state of that organ.

DISEASES OF THE LIVER

The Liver is much more frequently the seat of disease than is generally supposed. The function it has to perform, and on the regular execution of which depends not only the general health of the body but those of the Stomach, Bowels, Brain, and the whole Nervous System should be vast and vital importance to health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, evokes a powerful influence over the mind and its operation, which cannot be easily described. It has connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate sympathy which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminality, or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Bowels, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases classed under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increased by pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes present. The patient complains of weariness and debility; he is easily startled; his feet is cold or burn; he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everything. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, the termination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR M. AS LIVER PILLS in cases of AGUE AND FEVER, when Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not operate or three times by next morning, take one or two more; but a slight breakfast should invariably follow. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they may be used to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangement of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge

No diseases to which the human body is liable are better entitled to the attention of the philanthropist, in consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer's real cause is frequently overlooked, and consequently the proper remedy is not applied. But when the presence of the vermifuge, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part to other causes. It ought here to be particularly remarked, that although but few worms may exist in a child, or have ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it often happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause bids defiance to treatment, judicious in other respects, but which entirely fails in consequence of worms being overlooked, even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be exhibited without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, successfully with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; a leaden circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saliva, with white tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied with cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper not but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE RELIED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual in providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being present. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to counterfeit, palming upon the public counterfeit and inferior articles, in consequence of which the proprietors are forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PITTSBURG. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have a red wax stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, MAY 27, 1869. NUMBER 18.

The California Farmer AND Journal of Useful Sciences.

PUBLISHED EVERY THURSDAY EVENING.

BY WARREN & CO.

Office—No 220 Clay street (up stairs), below Battery.

SAN FRANCISCO.

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To City subscribers, delivered by carrier, 12½ cents a number or $5 a year in advance.

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SAN FRANCISCO, Cal.

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MESSRS. VILMORINE, ANDRIEUX & CO., Paris,

Eastern Correspondence.

LETTERS FROM AN OLD CALIFORNIAN AT THE EAST.

NUMBER ONE HUNDRED AND ONE.

NEW YORK, May 13, 1869.

Editor California Farmer:

I send you, mistakes and all, an account of a meeting, which I cut from the New York *Herald*. Some of the errors are very funny, and if your readers are as much amused at them as I am, I shall feel rewarded in forwarding you the extracts. In my next letter I will give you an account of the meeting, which I hope will interest you.

M. A. S.

THE TRANS-CONTINENTAL RAILROAD.

Interesting Meeting of "Pacific Slopers"—Expression of Views on the Pacific Railroad—Pleasing Reminiscences.

A call having been made by O. H. Pierson, formerly of California, but now of 113 Pearl street, New York, for a convention of Pacific Slopers to meet at the Astor House yesterday, in order that they might, in a fitting manner, express the joy felt by them at the completion of the Pacific Railroad, the following named gentlemen made their appearance at the place appointed and organized the meeting:

Senator James M. Nye, of Nevada, 1860; Jacob P. Leese, California, December 24, 1833; Silas Goddard, San Francisco, April 1, 1849; P. J. Hickey, Nevada, September, 1849; John S. Meserne, San Francisco, 1860; M. J. Newmark, Dec., 1852; D. Mackinley, Aug. 3, 1851; Captain Bob Haley, 1849; Governor Purdy, California; Dr. H. Goddard, March, 1849; T. M. Dehon, California, September, 1849; E. C. Kemble, California, July, 1849; Wm. Henry Talmage, California, 1840; C. A. Sherry, California, August 8, 1949; W. E. Greene, May 21, 1849; John H. Still, September, 1849; E. Frank Davis, California, October 15, 1862; William E. McGrew, California, 1849; William J. Nichols, California, July 15, 1850; W. O. Clask, California, November 3, 1850; J. W. Gregory, California, 1849; George Bernard, California, 1850; John L. Craig, California, September, 1848; H. B. Meredith, California, September, 1849; J. Carmichael, California, October, 1862; Joseph S. Eohn, California, February, 1850; J. D. Baine, California, April, 1850; James M. Shield, California, October 17, 1849; Samuel S. Field, California, February, 1850; O. H. Pierson, California, 1849; M. E. Flannegan, California, May, 1850; John J. Kelly, California, 1849; Captain Edward Higgins, U. S. N., California, 1849; General W. R. Gorham, California, 1849; M. L. Marles, Benicia, 1847; George H. Strong, San Francisco, 1847; E. C. Dixon, Nevada, 1850; J. M. Noah, San Francisco, 1852; Judge Turner, of Nevada; Colonel Leeds, of California; Governor Price and many others.

The meeting took place in room No. 153 Astor House and was organized by calling Senator Nye to the chair and appointing Mr. Kemble secretary. The Governor thanked the gentlemen present for the honor conferred upon him in a neat and appropriate speech. The first business of the meeting was the appointment of a committee to draft a set of resolutions suitable to the occasion.—The committee consisted of Messrs. Pierson, Strong, Peel, Kemble, and Gov. Price.

While the committee were out preparing the resolutions, speeches appropriate to the event which they had met to celebrate were made by the president, Senator Nye, Mr. Goddard, the Rev. Mr. Blaine, Colonel Leeds, Governor Price, Mr. Clark, Judge Barry, of Nevada, and others. The committee having returned, the following preamble and resolution was submitted and adopted:

Whereas, The last rail has been laid and the last spike driven which unites the two shores of the continent, and we have heard the clink of the hammers closing rivets up and binding us with hooks of steel to our old homes; therefore be it

Resolved, That we send by magnetic wire to our brethren on the Pacific shores our joyful congratulations on the completion of the great work in which our hearts and our hopes have been so long bound up. On the shores of the broad Atlantic we have felt the thrill of the enthusiasm with which our brethren on the peaceful Pacific have celebrated the great event of the age. May the union which has thus been cemented be perpetuated, and may the blessing of God rest upon the land and upon the work which has given us full assurance that "peace hath her victories, no less renowned than those of war."

Gov. Price, who took possession of California in the name of the United States, and Captain Edward Higgins, who stood side by side with him and raised the first American flag on that soil, made brief retrospective speeches.

Mr. J. W. Gregory, an old gentleman who went out as a newsboy and brought the first gold by express from California to New York, made a very amusing speech, and gave to the California Historical Society the first receipt for gold brought by express ever given in New York. It reads thus:

NEW YORK, Dec. 26, 1849.

Received from Mr. J. W. Gregory $210 40 from Theo. Wing, from California.

PENFOLD & SCHUYLER,
per S. SCHUYLER.

Mr. Gregory carried that express, containing about $4,000 in gold, across the Isthmus on his back.

The remainder of the afternoon was consumed in brief speeches, principally made up of anecdotes and reminiscences, and after the meeting adjourned the members remained for a while in social converse. Retrospection brought up many scenes of bygone days with which all were familiar, and there was a happy time generally.

NUMBER ONE HUNDRED AND TWO.

NEW YORK, May 15th., 1869.

Editor California Farmer:—

COMPLETION OF PACIFIC RAILROAD.

If the rejoicings over the completion of the Pacific Railroad in this city were not as enthusiastic as in San Francisco, there were nevertheless public and private celebrations which will long be remembered. At Trinity Church a beautiful and appropriate service of thanksgiving to God was attended by a large concourse of people. I shall not speak of it however, only saying briefly that it was a memorable service not only because it honored a great Victory of Peace, but because it was attended by a congregation made up principally from people residing in or interested in the Pacific Coast.

During the day there was much surprise expressed that Californians, resident and sojourning in New York, did not make some movement to celebrate among themselves an event so important to their own State. At last, however, a call for a meeting did appear in an evening newspaper of small circulation, and by chance I heard of it.—At the appointed time I made my way to room 153 Astor House, where I found a small circle of well known gentlemen. I looked around for Senators Cole and Casserly, Mr. Simonton, Mr. Eugene Kelley, Mr. Huntingdon, Mr. Garrison, and other well known Californians now in New York, but they were not present. In a short time our numbers were increased, and the meeting was called to order by Mr. Pierson who nominated Gov. Nye, of Nevada, for president, and Mr. Jacob P. Reese, Ex Gov. Price and Mr. Purdy for vice presidents. Gov. Nye made quite a lengthy address in which he dwelt upon the importance of the great national work, and ventured to predict the changes which it would make. At the request of the meeting he then appointed Ex-Gov. Price, Mr. Pierson, Mr. Kemble, and Mr. Plume to draft a set of resolutions.

During their absence the Rev. Mr. Blaine made a most touching speech in which he spoke of the attachment which Californians feel to their Pacific land. He recounted his own experience, the reason he had for his personal attachment and concluded by saying that his last wish would be to rest in Lone Mountain with the loved ones who had already crossed the river of Death. I was asked to make a speech, but in the presence of so many Pioneers, I felt that they could occupy more profitably the time. Mr. Leese, Ex-Gov. Price, Captain Higgins and Mr. Kemble were then called upon and greatly interested us by their recital of incidents in the early history of the State. Judge Berry, of Nevada, severely criticised in his remarks an article in the New York *World*, which sneeringly spoke of the great national work which ought to challenge the admiration of all parties in this country, he remarked that it was in striking contrast to the editorial course of the *Tribune* and *Times*. Mr. Gregory, of Gregory's Express, made the final speech, and concluded by exhibiting the receipt which he had obtained for the first gold delivered in New York. At the request of Mr. Leese he presented it to the Society of California Pioneers. The meeting was a most interesting one and the only cause for regret was the neglect to advertise it properly. There is a large colony of Californians in New York, and they ought to have made a better show than they did. The absence of our "leading men" was noticable, but those who were present were very happy. If Senators Cole and Casserly and the leading bankers were not present, we enjoyed the rare pleasure of seeing such an assembly of Pioneers.

The resolutions were correctly reported in the *Herald*, which made such laughable mistakes in names and dates, and I will not therefore repeat them.

The article in the *World* did not surprise me.—If I had said anything it would have been to express the gratitude which I feel, and which all Californians ought to feel, to the Republican party for the steady aid they have given to the Pacific Railroad, while the Democratic party coldly advocated it as a war measure, but allowed it to be smothered because it did not start from some Southern point. The Republicans were heartily in favor of it from the first, and when they came in power made it one of the grand aims of their administration.

They have completed it! They commenced it in the hour of our National danger. They never allowed disaster to interfere with it. They voted money for it generously. The people who have sustained them applauded the action of their representatives, and it is finished. It may not be all that was intended, but if there is any failure the Republican party is not responsible for it. The glory of the victory is theirs. The work which Whitney was called a madman for advocating is accomplished.

Its possibility is no longer doubtful, and now that the Central Railroad is completed, it is but the beginning of its results is to increase the wealth and power of the Atlantic States—it will elevate California particularly and unlock the riches of the Nation's strong box in the mountains of the Pacific. California therefore has particular reason to express gratitude to the Republican party, and in this hour of triumph I hope the words of acknowledgement will not be spoken grudgingly.

Of the private celebrations I have only time now to mention one at the house of Mr. Hoyt Sanford. Among the guests were Mr. and Mrs. Coleman of Grass Valley, who had come East via. the Pacific Railroad. It was appropriate, therefore, in singing a Te Deum that Mrs. Coleman should take a prominent part, Miss Sanford and Mr. Edward Sandford and myself were the other singers, and we felt the meaning of this sublime anthem as we sang it with an enthusiasm while every one present was electrified by.

And I assure you my pen runs exultingly as I write on the address of this letter via. the Pacific Railroad.

M. A. S.

LETTER FROM PRESIDENT CLARK OF THE MASSACHUSETTS AGRICULTURAL COLLEGE.

AMHERST, May 18th., 1869.

COL. WARREN, ED., *Cal. Farmer*,

My dear Sir:

Your most kind and hearty letter, inviting me to join Col. Wilder, and other distinguished horticulturists, in a trip to your wonderful state is is most thankfully recieved, I fear however; my duties here will render the visit this year impossible, you may however, expect to see me at your office at the earliest possible moment. My wife was born at the Sandwich Islands, and I have promised to visit with her, California and her native land.

As soon as the Agricultural College is fully organized, and has graduated its first class, I hope to find the time, till then "patience" is the word.

The *Farmer* comes to us regularly and is highly prized. With many thanks for your kind mention of the College, in your valuable and enterprizing journal, and for your promise of specimens for our museum, I remain with high regard,

most truly yours,

W. S. Clark,
President M. A. C.

HOME MUSIC.—There can be no purer and sweeter music, than that of the Melodious Organ for the Circle of Home, aside from the rich and varied music for all occasions, which is enjoyed with the Piano by a true artist; there is a new and peculiar richness and beauty, in the tone of the MASON and HAMLIN Instruments, which excel all other instruments of the kind sold.

THE CASHMERE GOAT.

[The recent return to California of our old friend, Rev. I. S. Diehl, who has recently visited all the various regions of Asia, and particularly the localities and vast mountain ranges where the Cashmere and Angora Goat roam by thousands and tens of thousands, has given the subject of rearing this species of Goat a new interest and caused many persons to give their attention to the subject, for beyond all question the rearing of the Cashmere Goat will become a source of wealth to individuals and to our State.

We have enjoyed a very pleasant interview with Mr. Diehl, and received from him many oral facts touching this matter. We have also been favored with the following very interesting Letter which we are happy to give our readers, who we know will appreciate it.]

COL. WARREN, ED., *Cal. Farmer*.

My Dear Sir:

As new sources of wealth and interest, are constantly arresting the attention of our Government and people, and as the New or Occidental world, may learn or derive something from the Oriental or Old world, I take great pleasure in giving you a few items of a journey or tour of 8 months, travelling some 18,000 miles through Europe and Asia; the main purpose of which, was to investigate the Cashmere, Angora, and Asiatic Shawl or Wool Goats, and mode and manner of the manufacture of those costly fleeces and fabrics. I found most beautiful specimens of the fleece of those animals, at the Great Paris Exhibition, from India, Persia, Turkey, England, France, Germany, Algiers, Egypt etc., with as beautiful specimens of the raw or natural fleece from the United States, as from any country, if not some of the finest. I found the fleece manufactured into all kinds of fabrics, from the most costly shawls of the world, to cloths, velvets, hoisery, chalis, worsted, mohair, camel hair shawls and fancy work of many kinds, having ascertained the real permanent and prospective value of the wool and animal, proceeded to Constantinople and Asia, armed and equipped with all the necessary documents, passports, Furman's post house orders, Teskeries be both from our Goverment and the Turkish, together with a few brace of Pistols and a letter of introduction, I penetrated into Asia minor, visiting ancient Bythinia, Phryzia, Gallatia, Pontius, Cappadocia etc., the haunts and homes of these celebrated silky fleeced goats, and after some 8 months exploration, and about one thousand miles of horse back riding, I succeed in picking up or purchasing 160 head of the finest, best and most beautiful I could procure, and have landed 136 after a journey of land and water of over 8,000 miles, with four of the celebrated Angora Cats, long haired and long tailed, white as snow and no doubt the most beautiful, and finest fleeced cat in the world; also a pair of celebrated Angora and Rindish sheppard dogs, and several varieties of peculiar fowls, with several barrels of seeds for government of the various vegetables, melons, cucumbers, to which I trust may be of interest to our country. Asia minor is almost a fac asmilie of California, on every hand I was reminded of the striking similarity, and not even destitute of virgin gold, for the ancient Pactolus, Golden fleece and mines of Trebizond, are all in this delightful region; though I cannot now and here give you a full discription of it. One of the striking peculiarities in which California is so deeply interested, is the wonderful success and quality of its silks, vineyards, grapes, cucumbers, melons the best in the world, and fine silky fleece of its celebrated Goats; known as Cashimere, shawl, and Liftick or Down Goats, the fleece being so closely allied to the fleeciness, fineness of silk and the softness of down. I found in the mountain regions of Bey Bazar, Angora Changre and Costamboul, 1,200,000 of these goats; producing from 2 to 3 oakes of 2¾ oake each of wool, worth from 50 to 60 piastres per oakk in the interior, constituting the wealth and revenue of the country; over 1,000,000 pounds is shipped annually to England alone, and mainly to two manufactories near Broadford. The goats roam over the hills in care of a sheppard, by thousands, pasturing in the dry cul like pasturage of shrubs, weeds wild grasses, delighting especially in the scrub oak, coppice, volonea, oak thorn bushes, and in the winter delighting in fine limbs, and trees of which are cut down for them, and on which they mainly subsist during the heavy snows and bad weather. The country is undulating and mountainous, with beautiful and rich vallies interspersed, varying in altitude from 2,000 to 4,000 feet, giving or having the extremes of climate, from exceedingly hot in summer to terribly cold in winter. The thermometer ranges from 5° below zero in winter, to 128° Farenheit in summer, reminding me of change of climate in journeys from San Francisco to Sacramento, thence to Nevada, Downieville, Pilot Knob etc. I am satisfied that California would be admirably adapted to rear or breed these goats, by the thousands, by crossing with the common goat, which has proved so successful here, and is done in the home of the original. I am satisfied that it is the valuable and beautiful wool or fleece bearing animal of the world, better adapted to hilly, wild and poor lands than sheep, with weapons and abilities of self defence against sheep dogs, foxes, jackall, and will often fight or stand against wolves, especially with lambs. This goat was originally brought from the Asirtic steeps, Tartary and East and brought to its present beauty and perfection, in Asia minor, 27 years ago. Ancyra or Angora the Capital of this region, had 80,000 inhabitants and 1,700 looms engaged in working up the material into costly cloths and fabrics, while all the smaller towns in the country, supported more or less looms, from 10 to 100, as Istanos and others. Now most of the wool is exported to England and Europe and manufactured, and cheaper fabrics returned, which has greatly reduced the Home Manufacture, then again the high duty or tax on the Goat and its fleeece, want of proper care, attention, housing, feeding etc., has greatly reduced the quantity of goats, but increased their value and demand for exportation.

A practical test of some 18 years now in the United States has fully demonstrated our ability to successfully rear these animals, especially westward, and our great western plains and prairies, plateaus and mountains, all the way to California and Alaska could be stocked with these valuable animals, and millions of dollars of fleece raised. In fact, a thought worthy of consideration is that as the home of these Goats was no doubt once the home of the ancestors of our Indians. Tartary, Tibet, and Mongolia, where they or the people are still leading Nomadic lives, with their wealth and employment, as well as enjoyment in their flocks of Sheep, Goats and Cattle. Could not our Indians and the Country be greatly benefited by inducing them to Shepherd life, and aid them to such stock as would furnish them food, clothing, and enjoyment, for the Goats are almost as roving and general feeders as the Indians themselves, and quite readily adapted to each other. In fact, the main Cashmere wool interests, that is rearing the Goat and wool, is mostly in the hands of the Tibetians and Tartars, and to them and the people of Asia Minor do we owe the present perfection of these fine Goats. Let our Indian Agents try the experiment; if they will furnish the common Ewe Goats, I can furnish the Shawl Goat Bucks.

Asia Minor is full of historical, classical and antiquarian associations and relics. We visited a number of the renowned Sites, Ruins and Battle Fields—from the Plains of Troy, the Battle Field of the Granicus and Alexander the Great, Issus to Arbella, and of Ancyra, where Sultan Bazazet was overthrown by Timour the Tartar or Tamerlane. What armies have surged over it, what desolation has been made for 3,000 years, many of the present ruins still attest. With a delightful climate, fertile soil, magnificent scenery, mines of wealth, under and on top of ground. It only requires the hand of the Christian civilization of England or America, to make it blossom and bloom as a garden, where all is now desolation—where we may truly say, "Every prospect pleases and only man is vile." Government intolerant and oppressive, Religion fanatical and bigoted, Education limited, Newspapers almost unknown, Improvements discarded, almost everything in its most primative condition. Is it not astonishing that England and France uphold such a Government and Country retarding civilization, oppressing Christianity, and opposing development. But our Tour was full of interest; the people and officials hospitable and kind, making our visit agreeable and profitable; for the Turk and Mohamedan has many redeeming qualities, such as honesty, fidelity, temperance.—Thank Heaven there is no liquor selling and drinking among the faithful:

We intend to send some of these celebrated Goats to California next spring, although they have already been quite successfully introduced there. I made collections of the soil, minerals, shrubs and pasturage on which these Goats feed in Asia, for comparison here, and of which I hope soon to be able to give a full report. Some of the Silk Worm Eggs I collected from Brussa and Constantinople, I think would be admirably adapted to California, and would commend those interested in that branch to apply to the Agricultural department for some; as in Asia the wine grape, silk, and fine fleece seem to be peculiarly allied. We opine that large portions of the Plains of the Pacific coast will become the Wine, Silk, and Golden Silken Fleece lands of America. A brighter day is dawning upon Turkey, even amid the signs of revolution, regeneration and dismemberment of the "Sick Man," things must improve.

Our American College and American Missionaries are doing a noble work. Our engineers, our shipbuilders and mechanics are contributing their labors, knowledge and mite, and travelers transporting knowledge and wealth to both countries, and the occidental reflecting back the light and blessing once emanating and received from the Oriental World.

Respectfully Yours,

ISRAEL S. DIEHL.

Silk Convention.—Report of Silk Convention in our next.

Agriculture.

COATES BROS' WOOL CIRCULAR.

PHILADELPHIA, March 1, 1869.

The activity which characterized the Wool market in January has continued through the past month—sales being principally confined to the finer grades, of which the stocks were large, while the low and medium grades were much reduced in quantity, and held, consequently, at relatively higher prices—did not offer the same inducement to manufacturers to purchase ahead of their wants.

Although stocks of fine wools have been considerably diminished by sales in the past month prices continue very low compared with cotton or almost any other article of merchandise, and lower than was obtained for the same descriptions immediately before the war, in gold. Manufacturers, therefore, feel greater confidence in purchasing freely, although the spring trade has not yet fully opened at the advanced prices for their fabrics, which they were naturally led to anticipate, from the prosperous condition of the country generally.

As most of the fine wool remaining on hand is held in Philadelphia and Boston, and as dealers in both cities are disposed to effect sales, and to meet the views of manufacturers, it is probable that most of the old clip will pass into the hands of consumers during the present month—thus allowing dealers to close their business and make preparations for the coming clip, now only a few months off. Should the well-founded hopes of manufacturers be realized in renumerative prices, when the Spring trade shall have fairly set in, they will then be better prepared to pay the advanced prices which may be reasonably anticipated for the new clip.

Manufacturers do not object to paying growers a fair and liberal price for wool, *provided* it is well washed and in good condition; while farmers and consumers at the same time are willing to pay a fair price for goods which will warrant it. But growers must bear in mind that good manufacturers discriminate very carefully between good and bad-conditioned wools. It is the superior condition of most of the wools received in this city, and the care with which they are handled, that is attracting so large a portion of the Eastern trade to this market.

The sales for the month, of Domestic Fleeces and Pulled, foot up about 2,031,000 pounds, within the range of 50 to 65 for Fleeces, and 43 to 50 for Pulled.

DOMESTIC PULLED.

City Merino Pulled, Long	$ 44 @ 47
City Merino Short	40 @ 45
City No. 1 Pulled	46 @ 48
Western Merino	40 @ 45
Western No. 1	44 @ 46

CALIFORNIA.

Fine Unwashed Fleeces	$ 34 @ 37
Medium Unwashed Fleeces	33 @ 36
Common Unwashed Fleeces	30 @ 33

COATES BROTHERS,
Nos. 127 and 129 Market St.

FARMER'S COMPLAINT.

A farmer subscriber to the *Agriculturist* says the farmers complaint is when asked to subscribe to an agricultural paper, is "I am too poor, I cannot afford to take a paper."

This class of farmers, he says, will always remain poor. In consequence of not taking a paper advantage is frequently taken of them by unprincipled persons. As they don't read they know nothing of the markets, nor of the progress that is being made in improved machinery, and labor-saving machines generally. In consequence of this ignorance they frequently lose more in one season than would pay the subscription price of fifty Agricultural papers.

They are content with farming after the plan of that pursued by their fathers, grand-fathers and great-grand-fathers. He don't believe in book farming—in other words, they don't believe in progress, and consequently their crops deteriorate every year; their land, instead of increasing in fertility, is becoming less productive every year, and the inevitable result is that they are getting poorer every year, until finally they are compelled to sell out, and resort to other business for a living.—*Central Union Agriculturist.*

THE GREAT MAP.

We call especial attention to the *Advertisement* of J. T. Lloyd, Esq. of New York, of his New Map of *America* and *Europe*.

This is one of the most important Maps ever yet published, and very soon we shall show them at our Reading Room. Everybody should have one.

THE WHEAT STILL COMES.—Although Wheat does not pour into our city in such large quantities as formerly, yet enough is constantly coming to show that the country is full of it.

By the Stockton papers, we note the great San Joaquin Valley has enough of it on hand. One shipping house sent from Stockton, the present week, one hundred and ninety tuns, and another, forty tuns.

CATTLE FEED.—From every source we have constant information of the excellence of Oil Cake Meal as feed. We have met hundreds of our Stock Men and Dairymen who have used this food; all who speak of its excellence above all other kinds of food, and cheaper too than any other food known.

ANECDOTE OF HORACE GREELEY.

Hon. Augustus Maverick, one of the editors of the *New York Evening Post*, contributes the following amusing sketch of Horace Greeley, to one of the evening papers of that city.

During one of the most terrible snow storms that ever visited New York—in February, 1845—the office of the *Tribune* was burned down. The paper had "gone to press" at half-past two in the morning, and the whole edition had been delivered to the carriers, when, at four o'clock, a fire broke out in the lower part of the building, and two hours later there was only a heap of ruins. At eight o'clock, looking on from the brink of the fiery chasm whence smoke and steam still ascended, I saw Greeley trudging through two or three feet of snow, closely followed by his partner, Thomas McElrath—the latter a shrewd business man, to whom Greeley has frequently attributed the pecuniary success of the *Tribune*.

The two advanced to the edge of the gap which held all that was left of the *Tribune* establishment, and I, standing by the side of Greeley, put to him this question:

"Well, Mr. Greeley, what are you going to do? Will the *Tribune* be published again?"

Greeley replied, with that curious corrugation of brow which always indicates any perturbation in his mind, and in the odd falsetto note with which he gives ear-piercing expression to any woe that may afflict him, "I—do—o—n't know!"

Just at this moment McElrath came up. Greeley turned to him with a woe-begone expression, and said:

"Well! McElrath, this is a pretty clean smash! What shall we do?"

McElrath replied, "Get out the paper to-morrow morning as usual!"

It was done. Though the partners did not know but they were ruined; though their safe was still roasting in the ruins with all their books in it, and though their capital was exhausted, the indomitable energy of McElrath caused the paper to appear at the regular time next morning, and the event proved to be the best kind of an advertisement, for it brought the *Tribune* literally a thousand compliments, and gave its managers a lasting reputation for energy and enterprize.

Winchester's old building, No. 30 Ann street, was hired; a publication office was fitted up for the reception of advertisements; on the top floor printer's cases were speedily filled with eight or nine different kinds of type, picked up anywhere and everywhere; Greeley was stowed away in the corner of an unfurnished loft directly under the printers, and his desk was a smooth board supported by two barrels; all the other improvised appointments being of similar simplicity. Here all hands were soon busily at work, for the whole paper was to be reset. The business was done—the paper was served to its subscribers at breakfast time, and, a few months later, the building now occupied by the *Tribune* was finished.

HOW TO DETECT ADULTERATION IN ANILINE DYES.—Adulteration: Granulated sugar or salt is mixed up in proportions with the Aniline Crystals. The Crystals yield their dye so profusely that the sugar or salt at once assumes the very same hue, so that to ordinary observation the fraud is not discernible.

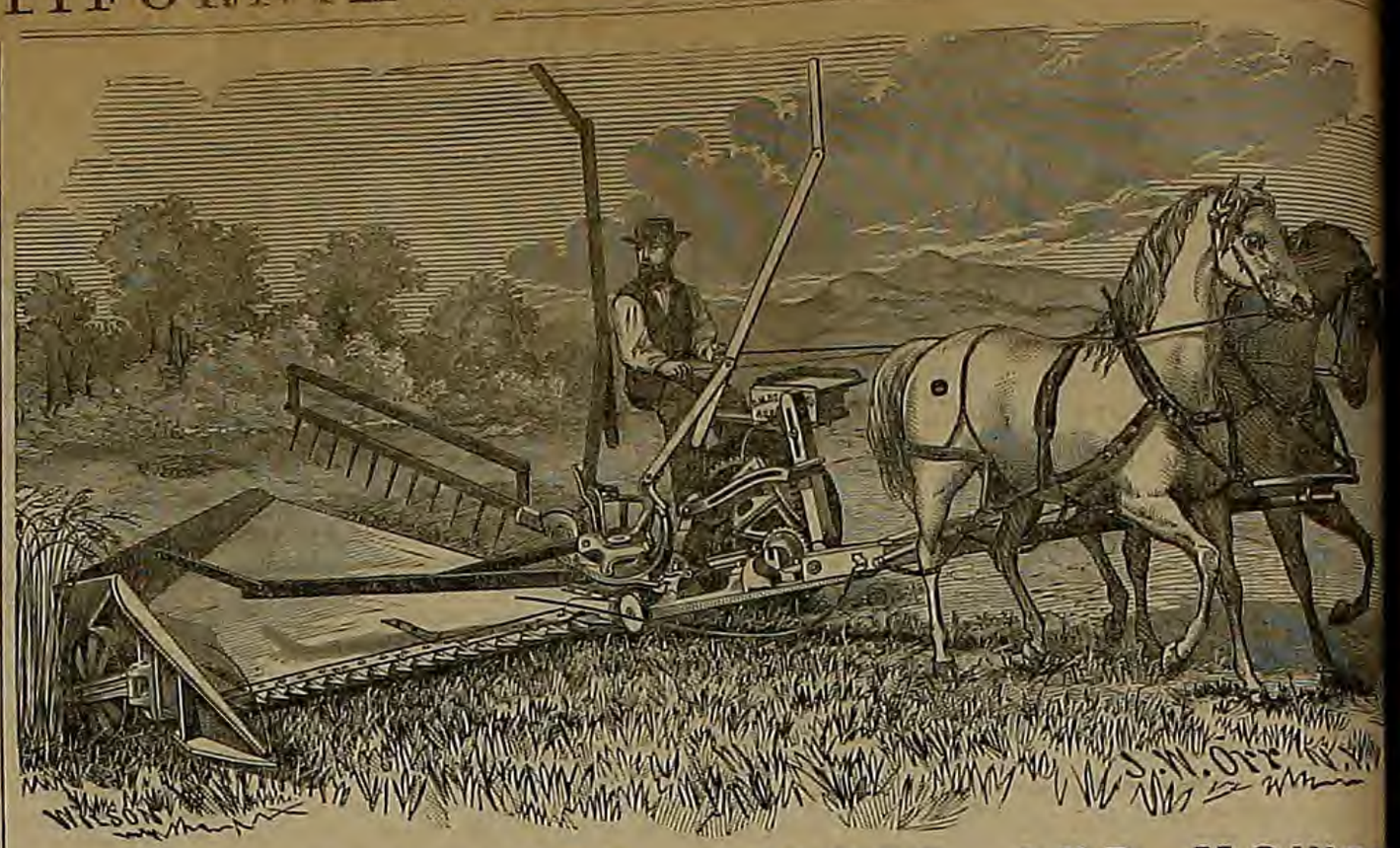
Detection: Dissolve the mixture in methylated spirit. Repeat the spirit until the dye is absorbed when the granulated sugar or salt will be precipitated, *not having any affinity for the spirit!—Macrae's Circular, Liverpool.*

—Not only sound principle, but gentlemanly courtesy make it my duty to break my ballot in twain like my daily loaf, and share it equally with my wife. The one woman whose rights I am bound to respect is an American citizen, who wants the American citizens ballot.—*Theodore Tilton.*

THE
EARLY ROSE POTATO.
THOSE WHO DESIRE TO SECURE THE
GENUINE EARLY ROSE POTATO
Can do so now, as we have received by LAST STEAMER, a lot of the same direct from
HEADQUARTERS,
From GEORGE A. DEITZ, ESQ., the well known Seedsman, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable
POTATO
To send their orders in quickly if they would secure from this stock.
We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato. WARREN & CO.
Farmer Office.

THE NEW
OATS AND CLOVER.
We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.
We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.
The Clover Seed in parcels of ¼ lb for $1 per package.
Orders must come immediately to secure them as we have only a small lot.
Cash must accompany the order. WARREN & CO.
Farmer Office.

To Take Charge of a Place.
A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.
A person somewhat acquainted with the nursery business is preferred.
No one but a steady and industrious young man need apply.
The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.
Address G. A. B.
Care of FARMER Office



KIRBY'S COMBINED REAPER AND MOWER
WITH COMBINED SELF-RAKE AND REEL
TWO COMBINATIONS IN ONE MACHINE
This is the only TRULY COMBINED MACHINE in the world While many machines PROFESS to be Combined, and some of them are very good Mowers, and others very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose.
"MONITOR"
Self Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED.
It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers on the Pacific Coast, who are successfully using them this year, can testify.
The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.
We shall keep a large supply of EXTRAS of all kinds on hand.
The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest burden. In fact, it is easier for the team to run the KIRBY COMBINED REAPER with the "Monitor" Self-Rake on it, than it is to carry a man to rake off, and the grain are left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain.
By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle which operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform, then the Rake, of its own accord, will sweep it off.
This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the other in the axle plate, where the joint or independent action is obtained.
This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.
TREADWELL & CO.,
Sole Agents for the Pacific Coast
30-22—no1

TRUE'S
IMPROVED
POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.
It Saves the Labor of 12 Men in Planting Time.
Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed
No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.
This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.
The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.
We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it
Particulars and Catalogues can be had at our office.
WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,
(SUCCESSORS TO L. B. BENCHLEY & CO.)
No. 3 and 5 Front street near Market,
SAN FRANCISCO,
IMPORTERS
—AND—
JOBBERS
OF
AMERICAN, ENGLISH AND GERMAN
HARDWARE & CUTLERY,
Agricultural and Mining Tools,
ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the
GERRISH
Submerged and Double Acting
FORCE PUMPS.
Patented by J. A. Morrell, October 29th, 1867.
THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.
Agents wanted for this Coast [County Rights for sale.
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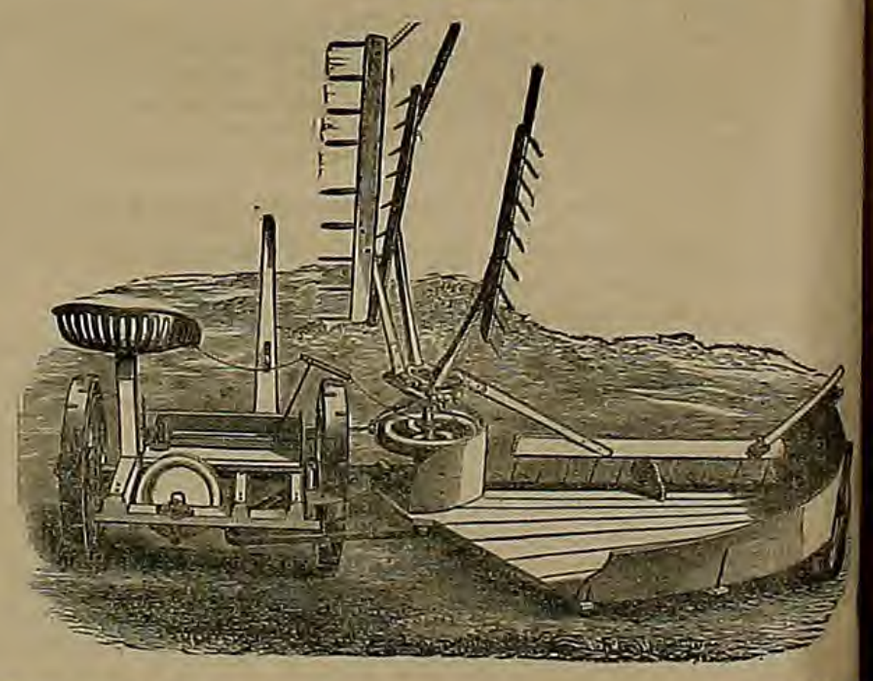
M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.
BUCKEYE Mower, Reaper AND SELF RAKER
NEW YORK
PORTLAND.



THE BUCKEYE IS THE BEST MOWER
The Buckeye is the Best Reaper
THE BUCKEYE IS THE BEST SELF-RAKING REAPER
MARCUS C. HAWLEY & CO.
108 & 110 Front St., San Francisco,
SOLE AGENS FOR THE
BUCKEYE MOWER AND REAPER
We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing it are Superior to any Self-Raking Reaper yet invented.
A large number were sold last year, and the universal testimony was, that not one man in ten could see grain equal to the Buckeye Self-Raker.
SOLE AGENTS FOR C. AULTMAN & CO.'S
CELEBRATED SWEEPSTAKES THRASHER
ALSO, THE GENUINE
HAINES' HEADER,
Manufactured at Pekin, Illinois. Also
Hollingworth's Wheel Horse Rake
The most Improved Rake in use.
M'CORMICK'S HAND AND SELF-RAKING REAPERS.
And a COMPLETE STOCK of
Agricultural Implements and Hardware
MARCUS C. HAWLEY & CO.
31-1-3m 108 & 110 FRONT ST., SAN FRANCISCO.

Horticulture.

RURAL TASTE.

It is a common mode of thought to assert that the farm and home should be the spot in which a taste for rural ornament can be most appropriately and successfully developed. This is true but as a sequence from other beginnings; and we are disposed to attribute the education of one's taste as much to the associations of the school-room and grounds as to home associations. If in our country districts the old, shaggy, red or brown weather-beaten structures for school-houses were replaced with buildings of an ornamental style of architecture, with grounds appropriately laid out and planted in something simple, perhaps nothing beyond a pretty lawn plat, surrounded by a neat fence, and planted in evergreens, we feel sure that the constant sight of this pleasant object, and the associations naturally formed in the mind of the scholar, would do far more good than centuries of lectures or libraries of books. The taste of a child comes from the school-room as well as the home, and goes from one to the other. Hence we make a plea not only for the improvement of our country school-houses, but for the importance of extending this subject even beyond, to *College Grounds*. In the minds of college managers it seems only necessary to secure the ground, "the *terra firma*," and then build their massive walls; and when that is done, all is done. Not so, indeed. Thousands of young men and women frequent these grounds day after day and year after year. If the grounds are well laid out and tastefully displayed, there is an opportunity presented for the development and culture of a refining taste, such as no musty literature ever possessed. It is practical, too, and will insensibly help to mould the future disposition and character, and act on it for years to come.—Let us then remember that if we would have rural art and taste become wide-spread, we must begin with the youth of the country, and at the fountain-heads of education.—*Horticulturist.*

MARSHAL NEIL ROSE.

This beautiful climbing rose, introduced about four years since, is now foremost among the few that have sustained the reputation given them when first brought before the public. We have had plants of it over three years, and can vouch for its excellence. The rose is of a deep canary yellow, of very large size, and of exquisite fragrance. It has received the highest commendation and first-class certificates at all the English flower shows, and must be regarded as a great acquisition. When grown in the open border, it should be protected by throwing the branches upon the ground before hard frosts occur, and placing over them as well as the roots a covering of thick sods. In the spring, train up and prune as desired. As a rose for the rafter of a green-house or conservatory, it is unsurpassed for its magnificent blooms. In the South, it will need no protection whatever.—*Horticulturist.*

A RIGHT HANDED THEORY.

Many ask, with reasonable wonder, why we use the right hand in preference to the left. Nature appears to have dictated the habit; its universality goes far to prove that it is instinctive: for among existing nations none seem to be gifted as the Benjamites of old. The left arm is the weaker, but whether naturally or from disuse remains to be ascertained. It would appear that the difference of strength extends to the organs of locomotion. When we meet an obstacle in walking, it is easier to turn to the right than to the left, as if the right leg had the most power and freedom of motion; and it is said that if a man loose himself on a plain, without any guide or land marks, he will, in his efforts to go straight forward, invariably bear to the left, the dexter imperceptibly making longer strides. Even a left handed man uses his right manual for many purposes; and a right handed mortal has to train hard to become ambidexterous. Only one suggestion can we afford to account for the general right handedness; that is, that nature has designedly kept the working arm away from the heart, that the violent actions of the one, may affect as little as possible the delicate functions of the other.

We clip the above from one of our exchanges.

We think nature designed us to use *both* hands and feet alike, if it were not so we should have been deformed, for their formation would have been different. Were parents to commence with their little children, and teach them to use right and left hand alike, the child would be much stronger and healthier; for we believe that as a general rule, disease of the lungs commences with the left lung first, and this, because by reason of little use it weakest.

We know many persons who use both hands in the ordinary uses of life, and it is a great advantage to them, and they are much healthier also; by reason of the non-use of the left arm and left leg, and the these members of the body are less in size and power, this is surely not the intention of the God of nature, this is a subject worthy of serious consideration.

ANATOMICAL MUSEUM.—This place for true Scientific and Physiological knowledge of "The Age we live in," we are glad to say is more liberally patronized than formerly. To those who seek knowledge, the Anatomical Museum presents opportunity that can be found no where else—for this knowledge is needful to all.

The price of admission has been reduced one half—it is now only 50 cents admission.

Miscellaneous.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND

SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

THE

PHOTOSCOPIC

Table Company.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION

this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changable pictures, arranged to suit the wishes an desires of each owner of the table.

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

Those who desire to PURCHASE, can see one of the Tables by calling at the FARMER Office, or addressing

EDITOR FARMER. 32-1

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

PACIFIC ANATOMICAL MUSEUM,

...AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,

Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORRILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 2 to 5. 29x1

Preserve Your Sight!

BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No. 205 Montgomery street, San Francisco.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental Variety

JAPAN LILLIES,

Rare Kinds ROSES,

GERANIUMS,

HELIOTROPES,

FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds New Brunswick Oats, by Mail, for	1 00
4 Pounds of Sweedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
1 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed for	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed, for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	20 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,
Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER OFFICE.

COMMERCIAL
STEAM
Printing House.
The Largest Office in the State.
No. 517 CLAY STREET,
510, 512 & 514
COMMERCIAL ST.
FRANCIS & VALENTINE

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

VALUABLE PLANTS FOR SALE

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories, or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

WARREN & CO.,
11 Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*, can obtain SUPERIOR SEED at the

FARMER OFFICE.

Miscellaneous.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisso.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms.

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most easonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
Third floo
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SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as extensive Ochards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3 EDITOR FARMER.

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER"

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,	$5 00
" " six months,	3 00
When payments are delayed six months,	6 00

CLUBBING.

To clubs of five, (and extra copy), six for...	25 00
do twenty,	75 00
do fifty	175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at	6 00
To every club of Ten, and $50, Agricultural Books valued at	15 00
For every club of Twenty, and $100, Agricultural Books valued at	30 00
For every club of Fifty, and $250, Agricultural Books valued at	75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves we shall be ready to fully renumerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS.

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....MAY 27, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞Those who receive a number of the FARMER with a paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our Journal, to which we would direct their special attention.]

Our readers will find a most interesting Letter from Rev. I. S. Diehl, upon the resources of Bible Lands which he has visited, and which as Mr. Diehl informs us, so much resembles California.

We had a pleasant interview with Mr. D. on our way to Sacramento, and shall give some other valuable facts gathered from him, soon.

The Letter we give this week was prepared for us sometime before he left the East, and given to us here, which will account for some expressions in it.

Our New York Correspondent gives us agreeable Letters, touching the Completion of the Pacific Railroad in New York.

The Letter of the President of the Massachusetts Agricultural College gives us the hope that California may ere long be Honored by a visit from him with other noble laborers in the cause of Agricultural Education.

ALLEN'S NEW FARM BOOK.—This is a capital book, just issued from the press of Orange Judd & Co., New York.

This book is a practical text book, giving all the details of information needed by the seekers of knowledge of farm duties—the work is over 500 pages, was originally prepared by R. H. Allen, but this is a revised and improved edition, by L. F. Allen of N. Y.

PACIFIC RAILROAD.

We call attention to the new advertisement of the Central Pacific Railroad, on our last page, under the Travellers Record, here is given all the *New Stations, Time Tables, Distances, Rates of Fare* and all the needed particulars so important to Travellers.

It will be seen that not only the rates of fare, on the Central Pacific are given, but also on the "Union," so that the whole cost of travel, from San Francisco to Omaha, St Louis, Chicago, New York or Boston, can be readily known. This will be of material benefit to travellers,

CONVENTION OF SILK GROWERS.

A Convention of persons interested in the raising of Silk Worms and the growing of the Mulberry will be held at Sacramento at Agricultural Hall, to-morrow, (Friday,) when it is expected a large amount of interesting matter will be laid before the meeting, which it is hoped will be largely attended.

It is to be hoped that measures will be taken to correct some of the very erroneous statements which have recently been promulgated in some of our daily journals.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,
Or GEN. JOSIAH HOWELL, Sacramento City.

CRANBERRY PLANTS.

The Genuine *Ball Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have *"Tule lands,"* for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

OUR CROPS.

We know the *Sun* has spots—we know there is no unmixed *Good* therefore, we need not say the crops are *perfect* everywhere, but this *we do say*, and without the fear of having it shown to be otherwise, that we have never had a more propitious, more delightful, or a more prosperous Season; nor have we had so sure a prospect of a most bounteous and abundant Harvest of all the Grain Crops, and all the material products of the Earth as we now have before us at the present moment.

We have been abundantly blessed with "The Early and the Latter Rain," and if a field of grain here and there, that was heavy with its foliage or its forming heads may have fallen down by the recent rain, or if a field here and there, by reason of late or shallow plowing may have been scorched a little, or if the *Rust or Smut*, by reason of *neglect* in any of the wise cautions needed in the preparation of the soil, or seed, has blighted a small patch here and there, just enough of these "spots on the Sun" to give to croakers a chance to find the cloudy rather than the sunny side of the Beautiful prospect over the wide harvest fields that God has so abundantly blessed. Shall we murmur?

This we do know, there is no material injury to our Crops over the broad surface of our now prosperous State, but on the contrary, every good, honest, grateful heart feels joyous at the prospect of such abundance.

Our Grain Crop will be very large by reason of the widely extended area of cultivation, and a better system of culture, which will give increased crops.

The Grain Crops of Oregon promise well and will by their abundance materially affect our markets.

The old Grain growing States of the Union have promise of very large yields, and the price must rule low.

Our Wool Clip (this comes under the head of crops) crops out over and above all former years by millions of pounds, and we call special attention of our wool growers to the remarks on wool, under the Agricultural head on page 138, from Coates Brothers' Circular, for it is important that our wool growers should note the facts stated by this large firm in Philadelphia, relative to *Good Clean Wool.*

Our Business Men, as well as our Harvesters should now be making ready for this great source of wealth.

The South that in all years previous to the War drew largely on the North for Flour, Wheat, and Corn, as well as other products, are now large and successful producers of these very articles, in some places even to excess. This was the part of wisdom with them, but it will affect the prices and demand at the East.

The Crops in Europe give good promise of abundance as the *scale of prices* now indicate; and with these facts, and the knowledge that we have now *quite a large surplus of old wheat on hand*, we should be ready to meet the circumstances of the Harvest that surround us, and make the best of it by *immediate shipment* of all the *Grain and Breadstuffs* possible, and *stay the shipment* of Treasure. This *must be the policy* of the producers, or they will make a mistake they may regret.

The changes that must take place by reason of our nearness of contact now with the old States and Europe are such that our *Money Markets*, as well as our *Grain Market*, and the value of all *produce and manufactures* must be affected, and our Farmers—our producers *must wake up* and keep thoroughly advised.

CAUSES OF UNHEALTHY CHILDREN.

The following from one of our standard medical publications, is worthy of the most serious considerations of those parents who would desire to have their own children of a healthy nature.

Here we have facts the most conclusive, that it is impossible for parents addicted the *habitual use of strong drink*, to beget heal by children, their vital blood becomes tainted, and disease and crime, is likely to be entailed on all such progeny.

We presume that the same law would hold good in regard to the use of *tobacco*, that those who are habitual users of the weed, become diseased in their blood, which must unfit them to produce healthy children, here is a question for our medical men, and if they are faithful to their duty, they will certainly meet this question, and advise the public faithfully; we are now satisfied that drinkers and smokers can never beget a perfectly healthy race of childen.

HEREDITARY ALCOHOLISM.—A young pupil of one of the Seminaries of France, has just been condemned to twenty years hard labor, for murdering one of his companions and setting fire to the building. Several able physicians have examined the young man for several months, in order to ascertain whether he was insane at the time he committed the above crimes. They came to the conclusion that he did not act with any of the characteristics of insanity, but that his father having been for a long time before marriage addicted to alcoholic liquors, he may have transmitted to his son a strong predisposition to insanity, which at any moment of excitement may deprive him of his moral control. The doctors in the course of a lengthy examination declared that alcoholism, or the peculiar change produced in the brain and nervous system, by a long use of alcoholic beverages becomes incurable, and that person thus affected cannot be cured of habitual drunkenness. They transmit to their offspring impaired organs which expose them to insanity when the growing forces of the body has diminished. They have come to the above conclusion from an immense number of observations in the public asylums of France, and I have classed the different stages of the affection under the general name of Hereditary Alcoholism. We think that observations made at the New York Inebriate Asylum confirm those we have just stated.

SILK CULTURE.

There is at the present time, quite an exciting feeling in regard to this interest among those who are now engaged in the business.

We had a call from Mr. Prevost the Pioneer, he is now soon to locate permanently at Los Angeles, as is seen by his letter in our last weeks issue. We also recieved a call from other persons, who are engaged in this culture in the southern region, they all claim, with Mr. Prevost that *down south* is the place for silk culture, while our enterprising friends Haynie, Hoag and others, claim that, in the great Sacramento Valley and along our mountain sides, there is as grand a chance as anywhere else to raise the mulberry tree, rear the worm, reel the silk and spin the fibre as anywhere else.

We are fully satisfied that this interest can be made to prosper all over this state, if all those that are engaged in it will go to work *unitedly*, lay aside all jealousies of localities and of personal plans and views, and *study what is best* and what is most profitable for the *general interest.*

What is now wanted to make this interest a GRAND SUCCESS, is, to lay aside the idea of *making a fortune to morrow* from the *labors of to day.*

This business will be the work of years, and those now engaged in it, should "Learn to Labor and to Wait."

NEUMAN'S EXPERIMENT.

We received a card of invitation from Mr. Neuman, to visit his New Rooms on Commercial St., and see the process of reeling the silk from the cocoons. Mr. Neuman sent invitations to all the Press, to call and see the operation of his New Machinery.

The process is about the same as shown at the several Fairs the past year, with some improvements in the heating apparatus, by which a better drying process is given to the fibre as it passes from the cocoon to the reel, from the hands of the woman operative who handles the cocoons in the hot water, and unites various threads as they are released from the gummy cocoon in the hot water.

The process is a very interesting one, and the glossy hanks of bright yellow and white delicate fibrous threads, show we are progressing rapidly in this enterprize and certainly great credit is due to Mr. Neuman for his zeal, enterprize and industrious perseverance in this work so long, and against the fearful obstacles which always beset new and doubtful enterprizes, and it is much to be regretted that some of our wealthy men, do not take this Enthusiastic worker by the hand, counsel him wisely and aid him in a just and liberal way, and give him a chance to carry out his designs and make this work prosper.

We saw also the large hanks and skeins of silk, preparing for the MAGNIFICENT SILKEN BANNER, which we learn Mr. Neuman is to make for the STATE CAPITOL at Sacramento, which will be given to the breeze, on the opening of the next Legislature. Mr. Neuman is also to prepare a magnificent banner for the Capitol at Washington.

That the silk business will eventually succeed with us, and be made very profitable we have no doubt—but like all New Enterprizes, it must have its ups and downs, its excitements and its lulls by and by, the current blood will run steadily and the day of manufacturing will begin in earnest, our worthy Pioneers may not all live to see it in its glory, but we must *all remember this life lesson.*

Pioneers conceive, and plan great and good works, they press them into life and being, then pass away and leave others to finish what they have designed. The last few days in this city has seen that truth verified—for several of our eminent men, who were true Pioneer laborers have passed away—and others must take up the work where they left off, and carry it on to perfection.

So will it be on the Silk Enterprize, so with all Human Enterprizes, and we all must read the lessons of the day and the hours as they pass, for the *Silken Thread* of life is but a span long, and the weaver knows not how soon the brittle thread will break, or the shuttle cease to move.

SUMMER GARDENS.

We have repeatedly urged attention to a careful culture of the *Garden Spots*, in Summer.

We regret to find so many persons, who seem to think they cannot have a flourishing garden in the dry season, this is a very great error—in this climate with proper care, we can have a *Perpetual Garden*, and there is nothing easier.

With proper knowledge in preparing the soil, young plants can be transplanted from pots, to make a succession of flowering plants, and they make a continuous show of the richest of blooming gems, but to do this demands care and knowledge, and those who *love beautiful flowers* will be willing to give this *care*, and those who are *wise*, will greedily thirst for the knowledge to do so; if there are any who desire to know the way, and it seems dark to them, if they will call at our office we will most cheerfully direct them in the "way they should go."

Don't Bleach Your Hay.—As this is the Haymaking season, it is all important that our Haymakers should bear in mind that the Hay that is *cured green* will always command a much *better price* than that which has been allowed to lay in small heaps in the field and *Dry White.*

It will be found to be less labor, and much easier to cure hay *green* than otherwise, when cut down, a little time only is needed for it to lay before it should be gathered in large stocks, where it will dry green and be much sweeter, by retaining all its aroma, while hay that remains in small heaps, losses more than half its goodness.

—It is rumored that the Prince Borghese of Rome, the owner of the finest gallery of paintings in the world next to that of the Vatican, is about to sell his art treasures to Russia for the sum of 35,000,000 francs.

THE NEW STRAWBERRIES.

The new varieties of strawberries, which have created considerable interest and excitement in the old states, we believe will prove valuable acquisitions here; we believe they will luxuriate in our dry and hot climate.

We, ourselves have made an experiment with them, having imported several of the new kinds, and *planted them in this city*, and although we received them at a late date and *through the mail* the plants came in the most excellent order, and nearly every plant grew finely, and have fruited with us *this, the first season*, and they are still in bearing order and can be seen by all who wish to see handsome plants.

We have fruited the following.

The Dr. Nicaise. This famous fruit came to us with a great fame, said to produce berries, *nine to the pound.* This variety produced very handsome berries *three* and *four* to the plant, measuring *four* and *four and a half inches in circumference*, this for the first product is most satisfactory. The fruit was handsome in form, dark color and rich flavor, of the taste of the peach.

We feel confident that it will prove a fine fruit with us as a market fruit.

The Golden Queeen. Another new variety, and ranking high among *connoisseurs* of fruit. We have fruited this very successfully, and from vines imported by mail very late this season; many of this variety gave us large clusters, several berries *four inches in circumference*, a very handsome fruit, solid, a rich pine apple flavor, a healthy vigorous plant, and must do well here.

The Nicanor. Makes a healthy growth, has not yet fruited, *in blossom.*

Green Prolific. Now setting with fruit, handsome foliage.

Early Scarlet. Has fruited, fruit thus far small, but very sweet and delicious.

Agriculturist. This variety has fruited admirably with us, berries large, conical, rich color and very rich flavor, the plants bear well.

Jucunda. This variety gives us very large, dark and rich berries, the fruit however does not keep well with us, but grows soft quickly.

Seedlings. We have several new sedling strawberries that have been raised from *Hybrids* that promise well, some now *fruiting in pots* with large clusters.

City culture. When it shall be remembered that our experiments are made *in the city*, surrounded with sweeping winds and clouds of dust, and with plants that were *imported by mail in March*, we think it speaks well in favor of the *varieties*, as well as of our climate.

We shall be very happy to show these plants in their present *growing* and *fruiting* condition, to all who may wish to see them, they can do so by calling at the Office of the *Farmer*, and they will be directed to the gardens.

We are much pleased with our success with these New Fruits, as they prove the excellence of our climate for these delicious fruits.

JOURNALISM.

In eight years the entire range and method of the newspaper business has undergone a revolution. First-class editors are rarer than first-class lawyers or doctors; and a first-class reporter, like a thing of beauty, "is a joy forever," so rare is he. It is a great mistake that local reporting is a second-rate employment. It is so considered because second-rate persons so often fill the desks on a daily journal. But it is really a most important position. It requires tact, originality, industry, sobriety, good sense, intelligence, quickness. Of course, every department of a well conducted press calls for all these excellent traits, more or less; and, therefore, it is harder to equip a newspaper than to organize an army, or officer a man-of-war.

During the next fifty years the press will play the most conspicuous part in public affairs. It will be what its sycophants have always claimed for it, but what it has never really been, the "fourth estate." Ultimately, books will cease to be written. Belles lettres will be confined to the standards. The newspaper, enlarged and every way improved, will probably supply the public its daily mental food. There is little reason to doubt this; and, as soon as it comes to be generally understood, ambitious young fellows will begin to turn aside from the old fogy professions and take to journalism as their fathers took to law and physic. Editors will be less rare then than they are now, and more competent. Anybody can write. But writing is the least part of journalism. In fact, literature and the daily newspaper are only second cousin, and the one is a sort of "poor relation" to the other. Journalism, strictly, is the science of human nature; a combination of action, and the actor's art, at once a reflection and the thing itself.

The really able journalist must therefore be not only a man of thought, but a man of action also. The voluptuous litterateaur has no place in the modern printing office, for he only is useful who can work at night; give up society; subordinate his personality to his craft; consider himself, while on duty, as a man on a voyage, bound to serve out a certain time. A newspaper is, indeed, a ship at sea; and almost always in a storm. The billows of popular passion are out there on every side, seething and foaming. Keep her steady to the wind and there is no danger; but it is fearful to try to run against the current, or in the face of the wind, and the least insubordination or inebriety or the lack of skill of officers or crew may be fatal. —*Exchange.*

—A gentleman in one of the interior towns of New York bought a velocipede for which he paid $100, broke a plate glass window for which he paid $40, cut his face and neck, which cost him a doctor's fee of $5, ruined one pair of pantaloons for which he paid $11, frightened a horse so that the animal ran away and broke a buggy for which he paid damages amounting to $60, and to cap the climax, he finally smashed his velocipede by running into a brick wall, leaving him $216 out of pocket and a court-plastered face to show for it.

PASSING AWAY.

The very great Loss which our city and our State has recently sustained by the death of some of our most energetic and influential citizens, the rapid and almost weekly departure from our midst of these *Noble Pioneers*, whose labors for the past *twenty years* in various departments of business have tended to make California a great and prosperous State, should awaken serious thought in the minds of all, of not only paying a proper tribute to the memory of those who have "Passed Away," but of being just to the *little band* who "still live" and are laboring to perform *their* work ere they shall be called hence.

Within a single week the names of "Gordon," "Manchester," "Cogbill," "Pio Pico," have been enrolled upon that Scroll which is never filled. *They* have passed away from the active scenes of life with us, and their years of labor are *better appreciated* and their absence more keenly felt, perhaps because the world is so slow to appreciate *earnest workers* till they are no more with us. But there is one thing that is true, after death comes the Judgement, and the Judgement of men will be given sometimes when its words of cheer cannot strengthen and encourage those whose labors have been given to benefit the race.

Charles Mackay has most truthfully given a picture of that decree which will be always true while time shall last.

ETERNAL JUSTICE.

The man is thought a knave or fool,
Or bigot, plotting crime,
Who, for the advancement of his kind,
Is wiser than his time.
For him the hemlock shall distill;
For him the axe be bared;
For him the gibbet shall be built;
For him the stake prepared;
Him shall the scorn and wrath of men
Pursue with deadly aim;
And malice, envy, spite and lies,
Shall desecrate his name.
But truth shall conquer at the last,
For round and round we run,
And ever the right comes uppermost,
And ever is justice done.

Pace through thy cell, old Socrates,
Cheerily to and fro;
Trust to the impulse of thy soul;
And let the poison flow.
They may shatter to earth the lump of clay,
That holds a light divine,
But they cannot quench the fire of thought
By any such deadly wine,
They cannot blot thy spoken words
From the memory of man,
By all the poison ever brewed;
Since time its course began.
To-day abhorred, to-morrow adored,
So round and round we run,
And ever the truth comes uppermost,
And ever is justice done.

Plod in thy cave, gray Anchorite,
Be wiser than thy peers;
Augment the range of human power,
And trust to coming years.
They may call thee wizzard and monk accursed,
And load thee with dispraise;
Thou wert born five hundred years too soon
For the comfort of thy days.
But not too soon for human kind;
Time hath reward in store;
And the demons of our sires become
The saints that we adore.
The blind can see, the slave is lord;
So round and round we run,
And ever the wrong is proved to be wrong,
And ever is justice done.

Keep, Galileo, to thy thought,
And nerve thy soul to bear;
They may gloat o'er the senseless words they taught
From the pangs of thy despair;
They may veil their eyes but cannot hide
The sun's meridian glow;
The heel of a priest may tread thee down
And a tyrant work thee woe;
But never a truth has been destroyed;
They may curse it and call it a crime;
Pervert and betray, or slander and slay
Its teachers for a time.
But the sunshine, aye, shall light the sky,
As round and round we run;
And the truth shall ever come uppermost,
And justice shall be done.

And live there *now* such men as these—
With thoughts like the great of old?
Many have died in their misery,
And left their thoughts untold;
And many live, and are ranked as mad,
And placed in the cold world's ban,
For sending bright far-seeing souls
Three centuries in the van.

They toil in penury and grief,
Unknown, if not maligned;
Forlorn, forlorn, bearing the scorn
Of the meanest of mankind.
But yet the world goes round and round,
And the genial seasons run,
And truth ever comes uppermost,
And ever is justice done.

OFF FOR THE EAST.—At 6½ o'clock, this morning a special train, composed of the family cars and attendants, left for the East with Mr. and Mrs. Chas. Crocker and two children, Mr. and Mrs. Harry Miller, H. S. Crocker, Mrs. E. B. Crocker, Dr. R. H. McDonald. There was a number of friends on the platform to see them off. Our friend Siddons was on hand with his "Union Battery" and fired a salute as the train began to move. The train has everything—cook, waiter, sleeping accommodations, live fowls, fresh fruits, etc. It will reach Promontory in time to strike the Central Pacific train so as to lose no time there. C. P. R. R. took with him a variety of blooming flowers to show to the Eastern people what California can do in that line.—*Bee, 24th.*

[The friends of Internal Improvement and Enterprize East, will give a grand welcome to the happy group of friends.]

A LADY CORRESPONDENT FROM PENN.

LETTER NUMBER FOUR.

PITTSBURG, PA., May 13th 1869.

ABOUT ASPARAGUS.

"Will you buy the white asparagus that is abundant [illegible]?"—*Cal., Farmer.*

Will I know it; and I should not think any one could—more than once. But I am thankful to say that I am not obliged to buy any kind; I just take a pan and a knife, and go out and cut it off my own beds; such green, tender, juicy spikes capped with purple.

There was a hot sun yesterday, and last night a warm rain; and this morning I gathered a fine mess.

There are not two distinct kinds of asparagus; are there? green and white.—I have always supposed that the white was that cut below the surface, and I know that it is tough and bitter. I presume that market men are in a hurry to realize and can't wait for it to get above ground in the ordinary way. I wonder that every body that has a bit of garden, don't grow asparagus, it is so little trouble after it is started, and a good bed will last a lifetime.

Taking care of asparagus beds is real nice work for women, and I should think it might be made highly profitable too.

SAN FRANCISCO AND PITTSBURG PRICES

I see by the Market Tables in the *Farmer*, that asparagus is sold by weight in San Francisco, it is marketed at ten and twelve cents per lb in my last paper. (April 15th.)

In the Pittsburg market yesterday, it sold for ten cents a bunch, and I doubt if one of the bunches would weigh a quarter of a pound.

Rhubarb was selling at five cents for four stalks of the large kinds, which I thought a pretty stiff price for this—what is it?—it is certainly not a fruit, and it don't seem quite like a vegetable either.

I always read the market lists in the *Farmer*, with much interest, and I am consumed by envy when I find that you are luxuriating on new potatoes, green peas and cauliflowers, before we have planted ours.

But are not eggs very dear at forty and forty-five cents per doz.,—here they have been down to eighteen and twenty cents for some time.

GOING TO MARKET.

I think it is very amusing to go to market, but I should not like to go around with a big basket on my arm, laying in supplies for the household, as so many women have to do; indeed the marketing appears to be done chiefly by women.

I suppose the reason is, the men are at work in the foundries, factories and shops, earning the wherewithal to pay for the contents of the great baskets we see dragging on the arms of the weary looking women.

I have heard or read, that much of the marketing in Philadelphia, is done in the evening after working hours. The husband takes his wife on one arm, and his basket on the other, and away they go, and have quite a jolly time among the vegetable and flower stands.

Indeed I went to market once myself by gaslight, and the people really seemed to be having a good time of it. I met many family parties, and it did not seem the laborious affair, that morning marketing is, when left to the women alone.

AMONG THE FLOWERS.

I believe I have told you I was in the market yesterday.—Cousin Eve and I just took a little stroll among the flower stands. I was not going to buy anything—Oh dear, no—I had no money to spend for flowers, with my spring shopping to do yet, and I must begin to-day,—this old brown straw is shocking,—yes, I must positively buy a bonnet this very day,—and gloves—and pins—and boot laces—and a ball of twine for my morning glories to run on.

But we will just walk about and look at these lovely things, and inhale their fragrance. And that is all a millionaire could do. Thank heaven! the rich have no more senses than the poor, the best enjoyments are free to all. If I were as rich as a Rothschild, these flowers could not afford me any more delight than they do now. I was thinking some such thoughts as these, when Eve, who was at the next flower stand in advance of me, exclaimed.

"O Jenny! come and look at this carnation, is it not exquisite? Just smell it?"

"For shame! Eve, you are as bad as your namesake, and you know how easily I can be led by the nose."

For I may as well acknowledge it, I can be very philosophical as long as my olfactory organs are not appealed to; but the perfume of flowers really seems to intoxicate me; and a waft of fragrance from a heliotrope or tuberose puts all my philosophy to flight. And if I am ever taken up as a kleptomaniac, I shall not be found with a roll of silks or laces secreted about me, but with a flower pot of some sweet smelling blossoms under each arm.

Well, to be brief, I will merely say, that identical carnation is at this moment growing in the parlor under my window, along with a superb rose geranium and some other sweet things, and my new bonnet is still in somebody's shop window.

But, would a dozen bonnets from Paris, give me as much pleasure as my lovely carnation and rose-geranium? No; and I am not a bit sorry that I bought them, instead of one of those absurd little monsters—ycleped bonnets.

JENNY DARE.

REPLY.

ASPARAGUS.

We are glad to know people are begining to know the difference between good, wholesome and nutritious asparagus, grown above ground, and flavorless, tough and poisonous vegetable called asparagus, which is cut below ground before it is [illegible].

There has been occasionally the *Blanched Asparagus*, which after growing some 4 to 6 inces is then hilled up *like Celery* and blanched, that is preferable to the imitation white; but the natural green esculent, that will break off tender near the ground—that is the only kind worth eating.

OUR MARKETS.

Yes, in our markets we sell by the weight altogether, and we know we have the best and cheapest market, as well as the earliest market in Christendom. Our poultry and egg business, should make these producers rich, and although we say we have the cheapest market, yet Butter, Poultry and Eggs are in price enough to bleed a Rothschilds pocket.

Now Jenny, as the Pacific Railroad is finished, you can put on your little hat, take Eve, and come to market in San Francisco, jump into the cars on Monday morning, and you could almost carry back your next Sunday's dinner to Pennsylvania.

BUT THE FLOWERS.

Here is the place for this bright "Gift of Heaven," Carnations, fragrance! Here we need no other perfumes, natural flowers give us all we need—and here our geraniums and roses, and our fuchias and carnations, grow to trees; we ourselves have them 6, 8 and 10 feet high, and kept down to form at that—and a select flower from each of these, would make a larger and prettier bonnet than is worn nowadays by many of our fashionables, and we can give you a choice selection, if you will come and make a bonnet from them.

New Advertisements.

LAKE

VINEYARD WINE

COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade-mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,
May 1st, 1869. San Francisco.
31-16

ECONOMY
WASHING MACHINE!

A new lot of the above named Machines, including all the latest improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JONI M. HORNER, MISSION, SAN JOSE, LAMEDA COUNTY, will receive prompt attention.

20,000 NEWSPAPERS.

We have TWENTY THOUSAND Newspapers—Newspapers of the largest size among our Exchanges, suitable for WRAPPING PAPER for Dry Goods, Clothing, etc.

—ALSO—

TEN THOUSAND

Of the best gricultural Papers known, comprising our various gricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on Agricultural matters, can have these at low rates by the 100. pply at FARMER OFFICE.

NEW GRAINS AND GRASSES.

We ask special attention of all persons who have low meadow lands, or Tule lands redeemed, to the New Grains and Grass Seed received by the late steamers.

As these are entire *New Varieties*, never before known here, it would be well to plant small lots in order to secure the seed for another year.

To those who can do so advantageously, and to some extent, *we will furnish Seed on liberal terms.* Apply at *Farmer Office.*

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Agricultural Implements. New Advertisements.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'
PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

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Home Miscellany.

MRS. STIRLING'S RECEPTION.

"When thou makest a dinner, or supper, call not thy friends, nor thy brethren, neither thy kinsmen, nor thy rich neighbors"

"And so we are really settled in our own house. It seems too good to be true, don't it?"

As John Stirling's pretty wife was speaking, she let down the soft, heavy-falling, brocatelle curtains of the handsome room, half parlor, half library, where she sat with her husband; turned on a little more gas, so that the Italian peasant girl, and the dark, bright Spanish woman, on the alabaster shade of the drop-light, might display their beauties yet more glowingly; and then seated herself in a little easy-chair, beside the lounge where her husband lay stretched out in the enjoyment of the masculine comforts—evening ease and household sovereignty. Taking up a dainty bit of bright colored knitting, she went on:

"It was very nice, to be sure, boarding at mother's, but it was a sort of vacant life, after all.—This is so much better. I have something to do now."

John Stirling smiled.

"And something to govern. After all, I believe it is the love of power that makes you women so delight in homes of your own. I don't doubt, gentle as you women seem, that your servants find you as austere as the Great Mogul."

"I declare, John, you are too bad; I never scold and I'm sure every thing has gone on so nicely since we have been here—"

"A whole week and all the brooms new. But don't look sober. I have every confidence in your ability to keep the wheel moving."

She sat silent awhile, until her husband began to want to hear her voice again, and rallied her from her abstraction.

"What is it, little one? You seem in a brown study about something. Remember I'm your prime minister, and must know all the state secrets and cares of government."

"I was only wondering John, whether you would see a certain matter as I do. Do you realize how many parties we went to while we were at mother's? There were the Huributs asked us three times, and the Graysons twice, and you know we went everywhere."

John Stirling knew that very well. Somewhat reserved of nature save to those of his own household, and not fond of general society, going to a continual round of parties had been one of the sacrifices he had made during the first winter of his marriage, to please his gay little wife. The idea crossed his mind, as she spoke, that she, too, had wearied of so much excitement, and was going to propose for the future, a quieter life.

"Yes, I like it," she said, with a little embarrassment, for her woman's intuition divined the course his thoughts had taken. "I was only thinking, John, that, having accepted so many invitations, every one would say we were mean if we did not give at least one large party in return. It would be just the best time now, don't you see? Every thing we have is so fresh and new—our drawing-rooms are really elegant! I should so like to gather our friends round us, and give a sort of house-warming!"

"That's a primitive, comfortable-sounding term, Nellie. How much would this friendly little affair cost us?"

"Oh! I've thought that all over. We should have to ask every one we know. It wouldn't do to slight any. Besides, the more the merrier, you know. We could have Smith get up the supper and furnish the decorations. His bill would be about three hundred and fifty—say fifty more for music; and a new dress for me."

"Five hundred dollars, eh, Nellie?"

"Yes, I'm sure I could make five hundred do it handsomely. I could send out the invitations for week after next."

"Well, dear, you must let me dream over it. I really didn't know receptions were such expensive affairs. Five hundred dollars for an evening's entertainment; and the prospect of a hard winter, and much suffering among the poor! Well, I'll tell you in the morning. If I can make up my mind that it is right, you shall have the party."

The rest of the evening was a little constrained. The young wife, seeing that her husband did not care to talk about the reception any more just then, struggled bravely to avoid the subject, and, inasmuch as it held possession of all her thoughts, was rather an absent-minded companion.

That night, after his wife was quietly asleep beside him, John Stirling spent an hour of not untroubled thought. Unlike Nellie, he had been brought up in a quiet country home, where five hundred dollars would have been thought a by no means inadequate provision for the support of the whole family during the entire year. Was it right, could it be right, to spend it upon one evening's entertainment, for the sake, too, of people who would be in no wise benefited thereby—whose choicest pleasures were so common that they had already palled upon their senses! But then, as his wife had suggested, they had been out so much—would not this drawing back from a return of civilities look very mean? And John Stirling shrank with all the pride of a sensitive man, from the least imputation of meanness. They were not rich. True, his capital was his own, and his business was good; but he had spent all that he could spend more than three thousand a year on home expenses, and here was five hundred extra, upon which he had not counted, coming at once. Surely he could not dare, for such a cause, to stint his contributions for the relief of the suffering? Could he afford it without? Nellie, the indulged child of wealthy parents, knew nothing of such anxious thoughts; she only heard the result in the morning. Before he gave her his good-by kiss, he said in a tone a little more sober than he meant it should be,

"Well, dear, you shall have your party. You can begin making your arrangements at once.—Here is a hundred dollars for the feminine adornments. I will pay Smith and the music afterward."

That was all. John Stirling had a sunny, unselfish temper, and when he had made up his mind to grant his wife the indulgence she craved, it would not have been like him to spoil her pleasure by any indication of dissatisfaction.

Still, as I have hinted, her intuitions were strong and her nature sensitive and impressible, and she had a certain sense of having persuaded her husband somewhat against his own wishes, that rather disinclined her to commence her preparations. It was nearly eleven o'clock before she dressed herself for the shopping expedition. She was just tying the strings to her elegant fall hat when she heard a ring at the door, and presently a servant came in with the information that a little child, who had brought home sewing, waited to see her.

Mrs. Stirling was motherly by instinct, and her heart warmed at once to the shy little creature who came timidly in. It was a girl not more than seven years old—quite too young, Mrs. Stirling thought, to be trusted alone in the streets; but then she herself had been brought up under the successive rule of nursery-maid and governess.

She took the bundle from the child's hand, and said, with the same bright, kind smile which had wiled John Stirling's bachelor heart away:

"Where did you come from, and how did you find your way here alone, you poor little thing."

"Sister Annie sent me, ma'am. She had done your embroidery, and she thought, if she could get the money for it to pay Mr. Jenkins, may be he would let us stay in the room till she got a little better."

"She is sick, then?"

"Yes'm. She didn't feel well enough to come. It has been hard getting along all summer, for the ladies she works for were almost all out of town, and some of them owing her; and I s'pose the worry and not having much to eat did it ma'am."

Mrs. Stirling leaned toward the little creature, and looked at her more closely. Could it be hunger, she thought, that made those blue eyes look so large and the skin so transparent? Was this little thing actually suffering for bread, and she going to spend five hundred dollars in one evening, feasting those who never felt a want even of dainties? She knew not what thoughts had been in her husband's mind when he spoke of suffering among the poor. She said pleasantly:

"Well, child, you must have some luncheon, and then I will go with you to see your sister. I had better speak to her about the work."

"Isn't it right? Can't you pay her?" The child gave a start of alarm and spoke with the premature womanliness and natural apprehensions of misfortune which are among the saddest fruits of poverty.

Mrs. Stirling relieved her with ready sympathy.

"Yes, indeed, the work is all right. It's done beautifully; but I want to see your sister about some more, and perhaps I can do her good."

It would have made the kind lady's heart ache could she have seen the eagerness with which the half-famished child devoured the lunch which was set before her in the kitchen.

In a few moments they were ready to start. Mrs. Stirling had replaced her velvet mantle by a Scotch shawl, her French hat by a simple straw; and with a basket in her hand containing a few dainties with which she hoped to tempt the sick girl's palate, she followed the child across the city toward C—— street—a locality hitherto *terra incognita* to her.

In a half-dilapidated wooden house, in a narrow court, she found the object of her search. She went up two flights of stairs and entered a back room lighted by one window. The atmosphere struck her, in spite of her warm attire, with a sudden chill.

Evidently the sun never came there. The dampness on the wall, the general aspect of gloom and cheerlessness, was only relieved by an air of scrupulous neatness which pervaded every thing. Mrs. Stirling had already noticed this quality in the attire of the child, which, though cheap and poor and patched, was as immaculate in its cleanness as her own.

At the window, attempting to sew, the older sister sat, but she was evidently very ill. Every now and then a spasm of coughing seized her, which compelled her to lay down her work and clasp both her hands to her side, while the paleness of her thin cheek flushed into hectic. Mrs. Stirling had not seen her before since spring, the work returned that morning having been sent to her by a servant. She went to her and sat down in a chair which stood near.

"Your sister said you were sick, and so I came to see if I could be of any use to you," she said, in gentle tones, which, of themselves, carried a certain comfort with them. "You have changed terribly since spring. I must hear all about it; but I want you should eat what I have brought you; here is some jelly, and a bit of cold chicken—they will do you good."

The poor girl looked at the viands with the involuntary greediness of hunger. Then she blushed deeply, and said in a low voice:

"I am very grateful, madam; but if you please, I will wait until you leave me. Allow me at present to attend to you."

"No, indeed!" Mrs. Stirling spoke in her pretty absolute fashion. "I am not going yet. I want to talk with you awhile, and I shall not do so until you have taken something to strengthen you. Little Jane has lunched already."

So the gay, bright lady sat, and waited, feeling, in the new prospect of being actively useful, a genuine glow of delight. When the girl had finished her generous meal and taken up her work again, Mrs. Stirling began to talk to her.

"Is this consumption, Annie?" she asked gently, "Your cough alarms me."

"No, ma'am, I am very sure it is nothing of the kind yet. There is no consumption in our family. My father was a country minister, and had a strong and healthy constitution. He died young, but it was from a violent fever, caught in attendance on a sick stranger. I think it was grief which made my mother follow him in three months. She had always been delicate, though not sickly, and she lacked the strength it required to live and suffer. It is seven years since she died, on the very day little Jane was born."

"How old were you then?"

"Fifteen, and there were no living children between us two."

"And you have supported yourself and her ever since?"

"Oh! no. My father's books and furniture sold for enough to keep us some time, and my aunt, who lived here, brought us to Boston. We both lived with her. She took care of Jane, and I worked in a shop, and earned enough to buy our clothes and help Aunt Martha with the living. It is only since she died—three years ago, that I have been all alone with Jenny."

"You came out of the shop then?"

"Yes, because I could not have Jenny there with me, and she had no one else to see to her, and indeed I have made more money since, I have embroidered so much."

"But surely you have suffered more than usual this summer?"

"Oh! yes, ma'am. The ladies that I work for are mostly out of town in the summer always, and so winters I try to save something to help us through. But last winter was so hard that I had not as much work as usual, and this summer we have not been very well off. I had to give up the comfortable room I used to have, because I could not earn enough to pay for it, and I suppose the dampness here has not just agreed with me."

She tried to smile, but the tears came instead. Mrs. Stirling took her hand with a comforting pressure.

"Don't cry. Better times are coming to you now. I am sure I can influence you a great deal more work. You shall have enough to do, and we must see that you move out of this damp, unhealthy place."

Sister Annie smiled sadly.

"The landlord has seen to that, madam. I can only stay here three days longer. He wants to let the room to a tenant who will pay more; and I have been troubled for fear I should not be able to go out and find another place."

"Well, you must not feel anxious. Just leave that till to-morrow. Then if you are not able to go, I will find a place for you. I cannot be a difficult matter to find one as good as this. At any rate, to-morrow you shall see me again; and in the mean time the pay for the work little Jane brought home will make you comfortable."

So saying, she put into the girl's hand twice the customary price for the embroidery she had done, and without waiting for the thanks which trembled on Annie Hadley's lips, she went out of the room, down the stairs, and returned home after this, her first charity visit.

On the way she stopped but once, and that was not to look into any of the windows gay with autumn goods, or to exchange her hundred dollar note on the Suffolk Bank for silk and satins. She only went for a moment to a neat, respectable-looking house on Myrtle street, and then hurried home.

She met her husband, when he came to his five-o'clock dinner, with a beaming smile. The meal was well cooked and neatly served; the wife opposite him was young and fair; and when John Stirling rose from the table and went with her into her evening room, it is no wonder he said to himself, that this being in one's home wasn't so bad a thing, after all.

"What is it, Nellie?" he asked, after a while, in answer to a questioning look in his wife's eyes.—She drew near him.

"You are sure, John, you can spare me that five hundred dollars without putting aside any rightful claim?"

"I hope so, Nellie; if I had not thought so, I should not have given it to you, much as I love to please you."

"Then what," she spoke hesitatingly, "what if I wanted very much indeed to use it for something else?"

"I do not understand what you can possibly mean."

For answer she detailed to him the different events of the day. When she was through, she said:

"It seems so hard, John, for that poor girl, a minister's daughter, too, to be suffering for want of food; and living, or rather dying, by inches, in that miserable, damp, unhealthy place. I can see how, with five hundred dollars, I could make her so comfortable. I stopped in at Nurse Smead's on my way home to-day, and I found that she had a nice, bright, good-sized room, which she will let for seventy dollars a year. There is a stove in it already, and a carpet on the floor, and thirty dollars more would supply it with everything needed for comfort. Now, if I could pay the rent of the room a year in advance for Annie Hadley, and fit it up neatly, what a fine start it would be for her! It would give her such rest—such freedom from care. She would have time to get well. She's very skillful with her needle, and, with the work she could easily do, she could live so nicely, and Jenny could go to school. I have it all planned, and there, with your permission, goes the hundred dollars in my pocket."

John Stirling looked at his wife, and it seemed to him, with the generous, unselfish light illuminating it, her face was the face of an angel. But he did not say so then.

He answered her, in the tone of one raising an objection, "But what would you wear to the party Nellie? I should not like you to look shabby."

"Trust me for that. I can wear my wedding dress. It is such a rich heavy white silk, and it is not soiled at all. With a little different arrangement of the trimmings, it will be as handsome as anything I could get But are you quite set upon giving the party, John?"

"Are not you, dear?"

"I was."

There was a pause for a few moments, in which Nellie tied and untied the tassels of her little silk apron several times. When she looked up, an eager light shone through the mist which had somehow gathered before her eyes.

"I suppose there are many people in the city, John, just as worthy as Annie Hadley, and needing help just as much?"

"Without doubt, Nellie; plenty of worse cases, especially now as winter is coming on."

"Could you help me to find them?"

"I think I could. Some of the cases of destitution, which he cannot afford to relieve, make a business man's heart ache almost every day."

"Then four hundred dollars extra, which you would not have given otherwise, will do a great deal, won't it?"

"Yes, a great deal. It is a large sum."

"Yes, it is a large sum, as you said last night, John, to be spent on a single evening's entertainment for those who do not need it, but not large when we compare it with the wants of those who suffer. John, I have no wish to give that party. Will you take the money for doing good?"

"But those who have invited us, Nellie? The Hurlbuts, the Graysons; all your many friends? One wouldn't like to be thought mean."

"We can ask them all, a few at a time—all those we care for. Your ordinary housekeeping allowance is liberal enough for that. If that does not please them, after all, John"—and the little woman hid her face on her husband's shoulder, for she was one who seldom uttered her deepest thoughts, or mentioned, even to him, the emotions which she held most sacred—"if they should not approve it, it matters so much more what He thinks who told us to invite to our feasts the poor, the maimed, the blind. I have been blind till to-day John. I don't care for large parties any more."

"You shall do as your heart has counselled you Nellie. The money shall be at your disposal to-morrow. We will give our reception to the guests whom God himself graciously chose for us."

He said no more just then, but Nellie Stirling had unconsciously gained in that hour a new and holier hold on the heart of her husband. He had loved the gay, half-spoiled girl; what word expresses what he felt for the noble, self-sacrificing woman whom that day had revealed to him?

Annie Hadley's heart was lightened next day of a weary burden, and she was as grateful for Mrs. Stirling's delicacy as for her aid.—*Wood's Household Advocate.*

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Miscellany.

THE KOH-I-NOOR.

This has hitherto been a fatal jewel. May its present re-cutting have broken the spell. Its history well authenticated at every step. This stone of light seems never to have been lost sight of, from the days when Ala-ud-deen took it from the Rajah of Malwa, five centuries and a half ago, to the time when it became a crown jewel of England. Tradition carries back its existence in the mines of India, to the year 57 B. C., and a still older legend would fain recognize in it, a diamond first discovered near Masulipitam; in the valley of the Godavery, 5,000 years ago. The Koh-i-noor is reported by Barber, the founder of the Mogul Empire, to have come into the Delhi treasury from the conquest of Malwa, five centuries and a half ago. The Hindoos trace the curses and disastrous ruin inevitably brought upon its possessors to the *genius* of this fateful jewel, ever since it was first wrested from the line of Vikramaditya. A glance over its history since 1304, its malevolent influence far excels that of the necklace for which Eriphyle betrayed her husband, or the Egyptian Scianus of Greek and Roman tradition. First falls the vigorous Patan, then the mighty Mogul Empire, and, with vastly accelerated ruin, the throne of Nadir, of the Doorance dynasty, and of the Sikh. Runjeet Singh, when it was in his possession, was so convinced of the truth of his belief that being satisfied with the enjoyment of it during his own lifetime, he sought to break through the ordinance of fate, and the consequent destruction of his family by bequeathing the stone to the shrine of Juggernaut; for the good of his child and the preservation of his dynasty. His successors would not give up the baleful treasure, and the last Maharajah is now a private gentleman. In 1850, in the name of the East India Company, (since, in its turn, defunct,) Lord Dalhousie presented the Koh-i-noor to Queen Victoria. Perhaps we should have been better without it; such, at least appears to be Mr. King's opinion. The Brahmins will hardly relinquish their faith in the malignant powers possessed by this stone, when they think of the speedily following Russian War, which annihilated the prestige of the British army, and the Sepoy mutiny three years later, which raised England's existence to hang for months on the forbearance of one man.

The public saw the Koh-i-noor lustreless at the Exhibition of 1864, then weighing 166 carats. Its recutting performed in 1862, though executed with the utmost skill and perfection; has deprived the stone of all its historical and mineralogical interest. As a specimen of a gigantic diamond, whose native weight and form had been interfered with as little as possible, (for with Hindoo lapidaries the great object is the preservation of weight,) it stood without a rival, save the Orloff of Europe. As it is in the place of the most ancient gem in the history of the world—older even than the Tables of the Law and the Breastplate of Aaron, supposing them still to exist—we get according to Mr. King, a bad shaped, because too shallow, modern brilliant, a mere lady's bauble, of second-rate water, because it has a grayish tint, and besides, inferior in weight to several, being now reduced to 102½ carats. The operation of recutting was performed in London, under the care of Messrs. Garrards, the Queen's jewellers, who erected for that purpose a small four horse engine on their premises. It was conducted by Voorsanger and another skillful workman sent over by M. Coster from Amsterdam. In consequence of the advantage gained by using steam power, the actual cutting occupied no more than forty working days—a striking contrast to the two years necessary for cutting the Pitt diamond by the old hand process. In some parts of the day, as when it was necessary to grind out a deep flaw, the wheel made three thousand revolutions per minute.—*English paper.*

SINGING FISH.

The Sirens of the ancients are not mythical, after all. I myself have touched and even eaten one, (in spite of the warning representations of a black,) one of these harmonious mullets, and suffered no inconvenience from it. One day, as I was returning to Tallahassee from a hunting excursion to Florida, we were rowing along by the shore, about sunset, when suddenly a strange, sweet and prolonged sound struck my ear. At first I thought it must be a drone, or fly of extraordinary magnitude; but seeing nothing, I questioned my guide as to what it could be.

"Oh, massa," replied he, "dat is de fish what sing. Some call it Siren, or mermaid fish, and some musico."

A little way on, we heard a greater chorus of these strange voices, reminding me faintly of the sound of church organs. I stopped the canoe, the better to study this strange phenomenon; when at my request, my sable oarsman threw a net into the water, and soon laid at the bottom of the boat about a score of little fish, each about ten inches long, resembling the gray mullet very closely in shape and form.

"Dese be mermaids, massa," said the negro; "but its de name ob hebben, don't eat dem."

"Why not?" quoth I.

"Cause dey hab de lub poison."

"Lub poison! And pray what is that?

"Why, massa; when you eat one ob dese fish, you fall so deep in lub you can neber git out again."

I tried to laugh my black friend out of his notion, but in vain. In spite of what he said however, I had my musicos fried that evening, and found as I expected, that I was none the worse for the experiment. The mucician fish is white, with a few blue spots near the belly. It is about when these fish begin to sing, and they manage their music during the night; imitating the grave and sonorous droning of an organ, just as it reaches your ear, when you stand outside a church.

Miscellaneous.

A PRINCELY RESIDENCE
IN THE COUNTRY
FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retailers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.
310, 312, 314 Pine Street, SAN FRANCISCO.
30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS.

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☞ To correct a erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

AVERY TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge. Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc. being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as will return for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $8 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER,

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL..... $750,000 00
SURPLUS, July 1st..... 363,862 82
CASH ASSETS.....$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hanssmann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.
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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to and keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE, &c.

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORNIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit. 30-1f

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, May 27

The Grain Market may be said to feel a little firmness by reason of some little news of short crops and famine among stock in a portion of Australia; also a demand from China and one or two other *new places* we are now supplying with Breadstuffs.

The recent rains have done vastly more good than was anticipated. This can be seen in the rapid filling of the Grain Heads. Many fields now put on their Golden look, and will soon be ready for the Reaper.

Our Harvest will be very large, and the grain will be good. It is to be hoped our grain growers will use only the *best Implements* to Harvest their crops, so it can be done well, with clean and unbroken grain.

Grain, &c

Wheat California, ₱ 100 lbs	$1 25	@	1 40
do Extra	1 40	@	1 60
Barley, ₱ 100 lbs	1 25	@	1 50
Rye ₱ 100 lbs	3 00	@	3 25
Oats, California, ₱ 100 lbs	1 40	@	1 75
Corn ₱ 100 lbs	1 25	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	14 00	@	16 00
Middlings ₱ ton	20 00	@	25 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes old	50	@	75
Potatoes, New	1 50	@	1 75
do sweet		@	
Onions	7 00	@	8 00
Hay, ₱ ton, extra	10 00	@	17 50
Hay, ₱ ton, ordinary	8 00	@	12 00
Straw ₱ ton	—	@	—

Retail Prices in the Fruit Market.

This week our people can luxuriate in Strawberries to their heart's content, for the large, tempting *Jucunda's* come to market freely and sell at low figures.

The "Triumph d' Gand" Strawberry is also in Market.

Apricots begin to come in freely.

Cherries, too, these come in now in splendid order, and are had at reasonable rates. They make a fair display.

Blackberries begin to come in more freely, and these with Pine Apples, Oranges, and Bananas, make up a satisfactory feast.

Apples, ₱ box	1 50	@	4 00
Pears, ₱ lb	10	@	15
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	20	@	30
Cherries, ₱ lb	25	@	75
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	15	@	25
Raspberries, ₱ lb	—	@	—
Blackberries, ₱ lb	—	@	25
Gooseberries ₱ lb	12	@	15
Currants, ₱ lb	20	@	30
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

Vegetables continue fine and in capital supply. Every needed article to supply the wants of the most particular epicure can now be had at our markets.

Asparagus, ₱ lb	8	@	12
Artichokes, (Fr.) ₱ doz	25	@	50
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	1 00	@	1 50
Cauliflower, ₱ doz	1 00	@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	1 25	@	1 50
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₱ lb	5	@	6
Green Corn, ₱ doz ears		@	—
Sugar Peas	8	@	10
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	
Onions, ₱ lb	5	@	10
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2	@	3
do Sweet	5	@	7
Pumpkins	3	@	4
Parsnips, ₱ doz bunches		@	25
Parsley		@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	8	@	10
Radishes, ₱ doz bunches		@	37
do yellow		@	37
do black, ₱ bunch	25	@	37
Green Peppers	50	@	75
do Red	50	@	75
Squash, Summer		@	—
do Marrowfat	3	@	5
do Hubbard	3	@	8
Beans, String	8	@	10
Green Lima, shelled		@	—
Spinage, ₱ basket	25	@	40
Salsify, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	50	@	75
Garlic	75	@	1 00

FISH

(Tessmore and Hayes.)

Fish Epicures can go to the stand of Tessmore & Hayes, in California Market, and get splendid *Lake Bigler Trout*, every day fresh via. Pacific Railroad—or they can suit their palate with Shell Fish, or any other of the briny travelers to please their taste.

Salmon, ₱ lb	—	@	10
do smoked, new	10	@	12
do pickled, ₱ lb	—	@	6
Salmon Trout ₱ lb	—	@	25
Smelts	8	@	10
Perch		@	12
Rockfish		@	12
Codfish, dry	—		18
Herring, fresh	—	@	
do smoked ₱ 100		@	1 00
Tomcod	—	@	15
Sardines, fresh	—	@	6
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	50
Terrapin, ₱ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	—
Shrimps, ₱ lb		@	10
Flounders	—	@	16
Sea Bass		@	
Halibut, rare	—	@	1 00
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	10	@	12
Turbot		@	62

MEATS

(L. Miller & Co.)

Our Meat Market. This holds its own well, and in spite of the abundance of Fruit, a large quantity of Meats are sold daily.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	15	@	18
Veal, ₱ lb	—	@	18
do cutlet	10	@	12
Mutton, chops, ₱ lb	—	@	10
do leg	13	@	15
Lamb, ₱ lb	62	@	75
Beef tongues, each	—	@	15
Figs' Tongues, each	—	@	18
Bacon, California, ₱ lb	18	@	20
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon		@	32
Cross' Sugar Cured		@	

POULTRY AND GAME.

The Game Market holds out well considering that our Poultry raisers ask such high rates. Those who are raising Poultry and Eggs and making Butter are doing better than the *White Pivers*, for the *former* realize *silver in hand*, while the *latter* only get it in *prospect* some ways ahead.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back		@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese, wild, ₱ pair		@	
do tame	4 00	@	4 50
Chickens, Young, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	1 25	@	1 38
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 50
Venison, ₱ lb		@	—
Quails, ₱ doz		@	
Pigeons, domestic, ₱ doz		@	4 00
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	12 00	@	13 00
Spring Chickens	7 00	@	10 00
Turkeys, ₱ lb	—	@	30
Ducks, tame, per doz	7 00	@	10 00
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz	—	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Butter, Cheese, Lard and Bacon remain without material change of prices. This trade is a steady one—every family must have just so much for their weekly supply. Messrs. French & Co., in the California Market, have some *Extra* Butter, weekly from the *Easton Dairy*, San Mateo. It is very delicious.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	—
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	30
Duck-eggs	—	@	45
Cheese, ₱ lb	—	@	25
Lard, California	—	@	25
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	30	@	40
do do packed	—	@	—
do Eastern (new)	—	@	—
Cheese, California	16	@	18
Eggs, ₱ doz	—	@	40
Lard, ₱ lb	12	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 9 @ 10c ₱ lb
do. 2d do. 7 @ 8c.
MUTTON—6@8 ₱ lb. LAMB— 2@10c.
PORK—undressed, —7@11c; dressed, 11@12c.
VEAL—@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20	@	22
do extra	25	@	27
Medium	15	@	18
do burry	10	@	12
Wool-sacks, new	80	@	1 00
do second-hand	40c	@	50
Dry hides, ₱ lb	16	@	18
Green salted, ₱ lb	7½	@	8
Sheep skins, wool on	40	@	50
do do plain	15	@	30
Goat skins, each	40	@	60
Refined Tallow	8½	@	9½

A CARD.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all HUMAN ENTERPRIZES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they CAN HOLD ON TO IT.

We therefore invite all those who have valuable IMPLEMENTS, MANUFACTURES, INVENTORS, BOOKS, PAINTING the Columns of the CALIFORNIA FARMER, that will give them a wider circulation than any other medium they can adopt.

WARREN & CO., Eds. and Prop'rs.

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FOR

Melodeons and Reed Organs.

JUST PUBLISHED,

A Comprehensive System of Instruction, and an Improvement on all other Methods for the Simplicity and Progressive character of its STUDIES, EXERCISES, SCALES, VOLUNTARIES, and RECREATIVE PIECES—containing an admirable selection of Choice Pieces of every grade of difficulty, from favorite and popular authors thus relieving the tediousness of Studies and Exercises, and making the Method interesting, as well as Instructive to pupils; adopting, in this respect, for Reed Organs the System so successfully carried out for the Piano-Forte in "Richardson's New Method" for the latter Instrument. Arranged expressly for Cabinet, American, Metropolitan, Prince & Co., Cathart & Needham, Burdett, Esty, and all other Reed Organs; also for the Melodeon and Harmonian. By WILLIAM H. CLARKE, Author of "The American Organ Instructor" Price in Boards, $2 50. Sent post-paid on receipt of price. OLIVER DITSON & CO., Publishers, No. 277 Washington Street, Boston, CHAS. H. DITSON & CO. 711 Broadway, New York, 31-18

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. D., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp'y steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR FEBRUARY.

The following Steamships will be dispatched on dates as given below.

May 8—COLORADO, Capt. W. H. Parker, connecting with ALASKA, Capt. Gray.

May 18—CONSTITUTION, Capt. Wm. H. Hudson, connecting with HENRY CHAUNCY, Capt. Conner.

May 29—GOLDEN CITY, Capt. Wm. F. Lapidge, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

e24 OLIVER ELDRIDGE, Agent.

CENTRAL PACIFIC RAILROAD

COMMENCING MAY 17TH, 1869. EXPRESS Trains will run as follows:

EASTWARD.	Miles.	Time.
Leave Sacramento	—	6.30 A. M.
" Colfax	54	9.50 "
" Truckee	120	2.10 P. M.
" Reno	154	4.20 "
" Wadsworth	189	6.30 "
" Winnemucca	324	1.45 A. M.
" Carlin	445	8.30 "
" Elko	468	10.00 "
" Toano	539	3.15 P. M.
Arrive at Promontory	690	11.05 "

WESTWARD.	Miles.	Time.
Leave Promontory	—	6.15 P. M.
" Toano	131	3.00 A. M.
" Elko	222	8.25 "
" Carlin	245	9.35 "
" Winnemucca	356	4.10 P. M.
" Wadsworth	501	12.05 A. M.
" Reno	536	2.10 "
" Truckee	570	4.20 "
" Colfax	636	9.50 "
Arrive at Sacramento	690	1.20 P. M.

FARE. Coin.

Sacramento to Terminus.....$50 00

Children NOT over Twelve (12) years of age, Half Fare, under Five (5) years of age, Free.

100 pounds Baggage (per passenger) Free.

☞ Two Trains daily (Sundays excepted) between Sacramento and Marysville, without any change of Cars.

Leave Sacramento at 6.30 A. M. and 2 P. M.
Arrive at Marysville at 9.30 A. M. and 5.30 P. M.
Leave Marysville at 5.30 A. M. and 10.10 A. M.
Arrive at Sacramento at 9.45 A. M. and 1.20 P. M.

☞ For Tickets and other information, apply at the Company's Offices.

C. CROCKER,
General Superintendent

T. H. GOODMAN, General Passenger Agent.

☞ The following are the present rates of Fare via. the Union Pacific and connecting roads:

	Currency
Promontory to Omaha	$ 81 50
" " St. Louis	101 50
" " Chicago	103 50
" " Cincinnati	114 85
" " Niagara Falls	118 90
" " New York	123 50
" " Boston	126 50

(Rates are subject to change.)

May 17th, 1869. 31-8

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge, now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S

CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and fore tested, and stand or fall by the effects produced. That they have been so tested, that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the proper action of the Stomach, Bowels, Brain, and the whole Nervous should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing by pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everyone. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken in connection with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow them. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are infallible to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S

American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, judicious in other respects, but which entirely fails in consequence of worms being overlooked. Even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed, with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an areola or circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently streaked with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hooping cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual in providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water in the morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by
FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post-paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, JUNE 3, 1869. NUMBER 19.

The California Farmer AND Journal of Useful Sciences.

PUBLISHED EVERY THURSDAY EVENING.

BY WARREN & CO.

Office—No 220 Clay street (up stairs), below Battery.

SAN FRANCISCO.

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FARMERS' CLUBS.

...We take the following admirable sentiments ...an Address on "Intellect in Farming," by ...rander Hyde, Esq., before the Hoosac Valley ...ricultural Society of Massachusetts, and pub...ed in the Annual Reports of the Board of Ag...lture of that State.

...the closing portion of the Address Mr. Hyde ...speaks of the benefit of "Farmers' Clubs."

...We have great faith in farmers' clubs, not only ...means of acquiring knowledge, but also as a ...of practice for imparting it. If you will ...llow an illusion to my individual experience, I ...y that I have been a member of such a club ...the past ten years, and have made it a matter ...conscience to be present at its meetings. Our ...ject has been to designate beforehand some ...ics for discussion, and appoint some one or ...ore persons who are expected specially to pre...are themselves to enlighten us on the designated ...ic, and afterwards all the members present are ...lled upon to contribute their quota of informa...n. In speaking we seldom rise from our chairs, ...d use the same freedom that we do by our fam...fireside. The result has been increased know...dge; and with the increased knowledge came ...creased crops, improved stock and greater thrift. ...e club has numbered about twenty, and if two ...ads are wiser than one, much more must the ...mbined wisdom of twenty men be greater than ...at of the individual. The practice of this pub...speaking makes us more accurate observers and ...inkers, and this comparing of experience takes ...e sting out of those wise merely in their own ...ncit. The farmers' club does not cover so much ...und as the agricultural society, but it culti...es the ground it does cover more thoroughly, ...d much as it awakens more thought, and thought ...s the base of good farming. It may be add...d, in favor of this public speaking, that it is not ...ike painting and poetry, in which medio...rity is laughed at and only excellence is praised. ...A degree of skill in public speaking is desirable, ...d the art is just as attainable by farmers as by ...thers like. There is no power that man wields ...er his fellow-men like that of the orator; and if ...we are not fitted to instruct and guide a senate as ...id Daniel Webster, it is certainly desirable and ...ould be that we should edify a club and "speak ...ing."

...Analogous to public speaking, in its effects on ...e mind, is the art of communicating our thoughts ...writing. In writing our ideas we are apt to be ...re accurate even than in speaking them, and ...accuracy involves digestion and arrangement. ...It must be confessed that farmers, as a class, are ...ficient in this art. In handling the hoe and plow ...ey become a little rigid, and the use of the ...en a burden, and in some instances, we ...ve dropped altogether. This is neglecting ...e great means of mental discipline and public ...efulness. Next to the power of a fluent tongue ...mes that of a nimble pen. The press is becoming more and more the fourth estate. I remember hearing in my youth the question debated, "Which has the more influence, the press or the pulpit?" It may be difficult to compare the two and decide this question; but the power of the press in this free country has rapidly increased, and is now immense. If farmers wish a share in this fourth estate they must write; I repeat it, they must write, or they will be left behind in the struggle for place and power. The reading of the community in these latter days is much concentrated on newspapers, and towards the newspapers the talent of the country greatly flows. These papers are open to communications from all, and thoughts expressed in them will reach thousands of minds and make lasting impressions. Agricultural papers are multiplying rapidly, and no farmer can afford to be without one, and should not be content without contributing his mite to the general stock of knowledge. He will find that giving knowledge so far from impoverishing the giver, will enrich him rapidly. If he does not benefit his readers he will benefit himself.

It is a blessed thing that we live in an age when knowledge is increasing and many are running to and fro in search of it. The schoolmaster is abroad in the land, and after many years of trial and struggle we finally have schools established for the express purpose of training boys for the occupation of agriculture. We expect great things from these schools, and if the next generation does not furnish wiser and better farmers it will not be for the want of superior advantages. Agriculture, we hope, will be reduced to a more perfect science, and New England be cultivated like a garden. In our rugged climate and sterile soil is just the place for an agricultural college to flourish. On the fertile prairie little need is felt for the aid of science. As Cadmus sowed dragon teeth on the plains of Greece, and forthwith armed men sprang out of the ground, so our Western farmers, if we may credit their story, have only to drop the kernels of corn in the furrows in the spring, and in the autumn their hogs rise up to do the harvesting, and in this lazy, slovenly way of farming the hogs become fat and the farmer rich. I have not seen much of Western life, but what I have seen has convinced me there is truth in the story of the Western emigrant who said he went West to become rich, and his wife to become comfortable—He had grown rich, but as for the comfort he could not see it. As I was once passing through Wisconsin I met two old friends who had moved to the prairies for wealth and comfort, and one of them asked me if I had come out to settle, and the other quickly replied, with an emphasis which told more than the words, "Come from New England, where the sun shines all the year, to this country!"—Their farms were large and productive, their stock abundant, but I must confess the sunshine of comfort did not surround their homes. In contrast with the prairie farmer, the New Englander has a hard row to hoe; but there is a large compensation for his toil. The very obstacles he encounters call out his energies and make him strong and self-reliant. I glory in the rugged hills and beautiful valleys. And they are not so unproductive as some may think. We now raise more corn to the acre than Illinois. No State in the Union raises so much corn per acre as bleak, mountainous Vermont. This is the triumph of mind over matter. We wish to see still greater triumphs.—Who shall put a limit to the productiveness of an acre of land? It used to be thought a thing incredible that an acre should produce one hundred bushels of corn. Now our figures run much higher than this. Eight hundred bushels of carrots, worth half as many dollars, seem a large product for one acre. We can easily raise one thousand. Who shall say to the live Yankee, with determining power of the will inherited from Miles Standish, and taught by Jonathan Edwards, "Thus far thou can go, but no farther." His answer would be, "I'll see if I can't." And when he wills to do a thing he does not wilt in the attempt.

I have endeavored thus briefly to inculcate the value of mind, especially to the New England farmer, in the cultivation of the soil, feeling confident that if the farmer is developed mentally the farm will show it, the stock will show it, home will show it. If any one feels stimulated to increased mental culture I shall feel rewarded for my labor.

THE WEATHER, HARVEST, ETC.

The weather in our city has been of a character between storm and sunshine—heavy fogs, strong chilly winds, and big efforts to get up a rain storm, has prevailed for some days, and should this weather continue a few days more we shall *probably* get rain.

The weather in the country has been hot and dry, and the *Hay makers* have used their time wisely. Soon Haying will be over save in low wet lands, and the Grain Harvest begins; already it has begun in some places, and promises well, and it is to be hoped that the crop as it is gathered will be sent forward to market, and shipped away as fast as possible, and thus really enrich our Farmers and our State.

TRADE.

We hear continual complaints from certain mercantile sources relative to *Trade* and its present dull prospects, that *Trade* is in a peculiar and anomalous condition no one can doubt, there is a doubt and a dread of something, no one knows what—some fear the Currency is to change from hard money to paper currency—others fear that Chicago will monopolize the trade of Utah and the Mines—others dread a money panic consequent upon the scarcity of Gold, and a general pressure.

That there is to be a change in the business relations and business habits of our people, is most certainly true, for as we have all along felt and said this must be so.

There is however *one remedy only* that can restore business to a healthy and prosperous state, and that is to *Export* more than we *Import*, and husband well the value of these products, and not *waste Capital in reckless and foolish Speculations*.

Every Merchant and Business man, every Trader and Mechanic who places the means that he needs for his daily business, will *feel the pressure*, and the amount of Capital now taken away from the legitimate channels of *Trade* to *White Pine*, and in *Homestead Associations*, will be found to work a most serious injury, and we are now beginning to feel the Effect of it in this city.

The desire also for large and expensive places of trade, showy offices, dwellings etc., is consuming the vital sources of *Trade Life*—and these are happily prescribed in the following article, which we cut from one of our New York Exchanges.

The renting season has gone, leaving unoccupied, in the city and suburb, dwellings and stores enough to make comfortable the people now packed like herrings. Landlords in general covet, not a fair rent and constant letting, but high rents, even with some of their dwellings vacant. In trade few men are content to grow rich steadily and slowly, making many sales with smaller profits; but aim at fewer sales and larger individual profits. Hence only a small part of the good business is done that might be done, few of the good bargains are made that might be made, and a small part of the capital, the time, and the labor power of any American community is constantly put in use.

The great fear of laborers and mechanics is that they may "work too cheap," and that of the traders that they may "sell too cheap;" to avoid that horrible result, the former would rather "strike" through two thirds of the year, working the other third, and the latter trust to bleeding a few rich, careless, or ignorant customers, rather than supplying the whole community, including the thrifty and economical, with their wares. If the reader happens to know of Popp and Plaisted, he knows them to be very skillful, energetic, industrious young men of the plumbing persuasion—rather, *to have been* such, since *now*, success has turned them to idle ornaments of office stools. Instead of their former cheap and sufficient cellar, they hire a large and expensive first floor, with nothing to drape its vacuity but a few basins and rolls of lead pipe leaning against the walls, while their windows are placarded with dreary bills of "houses for sale"—every bred plumber dreaming of working one day into the "real estate business." In place of a modest account for any little job done by Popp's own hand, I now get a monstrous charge under the gorgeous bill head of "Popp and Plaisted, Practical Plumbers—Polydorus Popp, Manager." The "managing" consists in setting three good for-nothing apprentices to botch the jobs, the partners used to do swiftly and merrily, while they pick their teeth in the great "office," and charge you and me for the new rent and the responsibilities of the management.

Half the world rides through life on the shoulders of the other half—a commercial as well as a political truism. Propable losses in business from "bad debts," are, as we all know, averaged, and put upon the prices; that is to say, the responsible and honest part of the community not only pay their own expenses, but those of the irresponsible and dishonest. Of course, credit is necessary to commerce; and the resulting evil of high prices cannot be laid to the charge of the credit system *per se*, but the reckless abuse of it. Most petty tradesmen would rather risk a running account with some bullying pretentious fellow, of whose responsibility they knew nothing, but who never questions their exorbitant prices, than have the steady patronage of a "closer" man. There is nothing your tradesman despises like "niggardliness" in his customers; and so long as he can charge them all a double profit, he can afford to loose by the lordly few who are not "mean," but don't pay. Or, take this current topic of rents; to judge from appearances, most landlords would rather squeeze out $2,000 a year for a house which would pay well at $1,500, and never collect the fourth quarters rent, than let it for $1,500 to a trustworthy tenant. A large proportion of the dwellings leased in and around New York last year, were not paid for according to the written agreement—a quarters rent was lost, or there was much loss of time, trouble, and legal or agents expenses in running for the due. But what remedy suggests itself to most landlords? To gather a good and permanent tenantry at fair return for capital? No, but to take the men who offers most, if that "most" be enough to cover a possible loss of a month or a quarters rent. In this way prices range high, the good tenants have no advantage over the irresponsible, and the latter ride on the former's shoulders. A man that does not intend to pay any more of his rent than he can help, cares little how high this rent is—he will delight the landlords heart by the profuse liberality of his proposals; but some tenant who pays can thereafter get a similar house only at a similar rate. Oh, wise American landlords and tennant system, wise customs of trade, never looking to the past and future, but only to to-day!

SACRAMENTO SEMINARY.

We take the annexed commendatory notice from the Sacramento *Bee*, and cheerfully endorse the excellence of that institution, having had the pleasure of seeing it in its practical good works. Ed. *Farmer*.

Messrs. Editors: I desire to speak a true and earnest word in behalf of the Sacramento Female Seminary. Its last anniversary took place in its fine new building, on Friday evening last, it being the second since the corner stone of the edifice was laid. A large number of parents and friends from the country and citizens interested in the prosperity of the Seminary, filled the spacious halll. The evening was devoted to vocal and instrumental music, by the classes; an elaborate and fit oration by Rev. C. R. Hendrickson, D. D., of San Francisco; the essays of the graduates, and the conferring of diplomas, accompanied by a most excellent address to the graduates, by Professor Hermon Perry. This Seminary has grown up silently in this rising city to a first institution of learning, second to none in the state, in the culture and devotion of its teachers, in the number and range of its studies, and in the scholarship of its graduates. I was profoundly impressed by this as I listened, hour after hour, in the examinations of last week, and heard on Friday evening the essays of its graduates. The essays were read, one by Miss Emily J. Van Trees, on "Harmony Universal;" one by Miss Helen Smith, on "Religion the Cement of Society;" that greatly delighted and surprised us all. They showed that the four years of hard study in their youthful lives, had given them strength and dicipline of mind, that promised for them a bright and honored future. It was never our lot to attend "the commencement" of a female seminary where the graduates showed more strength of mind or culture than on this occasion. A felling of surprise and gladness filled every heart, and found ample expressions in the congratulations at the close of the exepcises, and and through the city the next day. Let San Francisco examine the merits of this school for the education of its daughters, away from the superficials and folies of city life, let the mountains and the vallies of the state send their daughters to the Capital, doubting nothing that they are safely folded from harm, and where nothing better can be done for their education in any seminary of our land. Let the friends of education throughout the state, and especially in Sacramento do all they can to extend the influence of this institution, now so prosperous. The next session commences on the first day of August, and promises a large increase of scholars, requiring we hope, the erection of the new building at no distant day. Visitor.

Fish, the Food for the Brain.—Professor Agassiz says that fish is a kind of food which refreshes the system, especially after intellectual fatigue. There is no other article that supplies the waste of the head so thoroughly as fish diet; and the evidence of it is in the fact that all the inhabitants of the sea-shores the world over are the brighter population of the country. Fish contains phosphorus to a large extent, a chemical element which the brain requires for growth and health.

Volcanoes in Oregon.—The high peaks in Oregon have commenced to emit smoke, and the inhabitants anticipate earthquakes, or some other internal comotions.

Mount Hood, 13,000 feet high, Mount Jefferson, 11,000 feet, and the Three Sisters, 11,000 feet, which are mentioned as exhibiting signs of activity, are extinct volcanoes; but Mount Hood has been in a state of eruption, according to the traditionary accounts of the Indians.

IMPORTANT MEDICAL PREPARATIONS.

There are times and seasons when the condition of the body of adults and of children all need care and attention so as to save life.

It is not the *quantity* of medicine, but the *kind*, that is all important, and there are diseases of the seasons, and diseases resulting from exposure and peculiar laborious employments that will demand the wisest care and the most skillful preparations to save the body from decay and death.

We find in the daily records of Death many reported as from Heart disease, Liver Complaint, Dyspepsia, etc., and in this list the record of death is fearful indeed. Yet *Impure Blood* will be found the *cause* of the most of these ailments, and for which there is a *safe and sure remedy, always certain and readily found in*

DR. M'LANE'S LIVER PILLS.

Editorily and personally we know of many cases where all other remedies failing, *these Pills* have wrought a perfect cure. We state this as a matter of duty, that life may be saved.

The number of Deaths of *little children* is indeed frightful in all our cities, and in many cases ordinary medicines fail to effect a cure, and very often the Physician does not know the cause of the illness of the little one that is fast hurrying on to the grave, yet the whole cause of its suffering arises from Worms, which are so prevalent among children, who by kind and indulgent mothers (?) and nurses (?) have by false feeding filled the little sufferer with *worms* that are eating up its vital life. For this evil there is a remedy in

DR. M'LANE'S WORM VERMIFUGE

Which we know has saved the lives of thousands of children. It is simple, sure and efficacious—it is literally "Death on Worms," and Parents who desire to save their little ones should by all means try this sovereign remedy.

These two valuable medicines are the preparations of Fleming Brothers, of Pennsylvania, and a full description of their use and value can be found on our outside page. These *two Medicines* are for the cure of the evils they aim at, and for these only. Messrs. Fleming Brothers do not say they are "Cure Alls," that they will do for *all diseases*, but each preparation is made with reference to its own particular malady; and for this these Medicines stand unrivalled the World over.

LIFE OF JEFFERSON DAVIS.

We acknowledge the receipt of advance sheets of the Life of Jefferson Davis, and the History of the Southern Government, by Edward A. Pollard, Esq., and to be issued by the National Publishing Co. of Philadelphia.

In glancing over the pages of these sheets, we see enough to know that the Book will create a great excitement and a large demand for it.

We give a couple of paragraphs from the prospectus of the author, which explains the motives which caused its preparation. The Book will be in great demand.

"The writer may say, without vanity or self assertion, that he is peculiarly fitted to be the biographer of Jefferson Davis. He was near him during the whole war. He had occasion to study his character assiduously, and to pursue him in his administration with a curious and critical industry; and his opportunities as a journalist in Richmond enabled him to learn much of the veiled mysteries and inner scenes of the weak and anomalous government that wrecked the fortunes of the Southren Confederacy. The writer thus obtained much of the secret and unwritten history of the Confederacy, involving Mr. Davis; information which, for obvious causes, he could not give to the newspaper press, and which, since the war, he has not yet published in any of his memoirs, for *peculiar and impressive reasons*.

The fact is, the writer has been for a long time persuaded by friends standing between him and the Confederate President, to withhold the work he now contemplates, as it was thought it would give information concerning various conspiracies and vengeful plots in the war, which might be used against Mr. Davis on his expected trial, or might inflame against him a fatal prejudice. For this reason alone, the writer has for a long time deferred the publication he has now determined upon; and he may claim that in this he has shown an extreme and punctillious regard for Mr. Davis' safety. But he can no longer defer to this solicitude for Mr. Davis; it has become a more punctilio, since there is no longer now a reasonable expectation that the Ex-President will ever be brought to trial, or be disturbed in the foreign land, in which he is reported to have descended to the commonplaces of trade and an unnoticed existence. At least, it would be unreasonable that the writer should longer weigh a calculation so tender and remote against a debt severely due to history."

The work is sold by subscription only:

Freight.— We have seen a Central Pacific Railroad Circular, dated May 21st, which states that that road is now prepared to transport freight between Sacramento and its terminus—first class at $3 25 per hundred or $65 per ton—second class at $45 per ton, in quantities not less than 2,000 pounds. These are the currency rates.

Agriculture.

THE ORIGIN OF CHOCOLATE.

The following interesting account is given by the Brazilian correspondent of the New York *Evening Post*:

When Cortes, in 1520, penetrated with his adventurous followers the empire of Montezuma, he found large cocoa plantations, which dated from "time immemorial." The Mexicans attributed the plant to divine origin, and indeed paid to it certain honors. They planted it, harvested it, and made it into chocolate with religious ceremonials. The fruit served them as money, and when roasted, ground, and mixed with water and scented with vanilla, a beverage was obtained which they considered not only to be appreciated by the noblest of the earth, but fitted for the gods to drink. In glowing language, worthy of Brillat de Savarin, Mr, Prescott, in his Conquest of Mexico, has described the reports of Montezuma, wherein chocolate plays such an important part. From the "Conquistadores', Europe first learned of the use of chocolate as beverage and food—for it is both. When, however the Mexicans learned to brown the fruit of the cacociros and make it into delicious drinks and cremes, no one knows. Suffice it to say that those who were left of the "Conquistadores" took back to the West Indies and thence to Spain the cacoa and knowledge of its manufacture. For a long time Spain, true to her narrow notions, would not allow cacoa to be exported to foreign ports, and for many years other countries of Europe did not know what chocolate was.

But prohibition and monopoly always work badly, for they are sure to produce breaking of laws and connivance at fraud. The Hollanders were the contrabandistas who ot length made known to Europe the worth of chocolate, despite the laws of Spain, and, in fact, finally ruined the monopoly of the Peninsula. From Holland, chocolate was introduced into England and Germany. A little later Italy relieved it from Spain. A short time after some Spanish monks crossed the Pyrenees and made France acquainted with the delightful beverage, which they had so often enjoyed in the cities of Andalusia. This was only a few years after coffee had been introduced into France. How many good things came to the Old World on the heels of the discovery of America, even if they did not in every instance originate on the western continent! The fragrant weed regaled millions of Europeans and Asiatics before Abyssinian (not Arabian) berry from the province of Kaffa, near the White Nile (hence the name coffeee,) had furnished a wholesome drink to the people of Stamboul, Paris and London.

The "turkey," called *peru* by the Brazillians and Portugues, and "of the Indies" (*dindon*, corruption of *coeq d'Ind*) by the French, is a purely American bird. Why we of the English tongue should call it by the name of a moder European country, I know not. The "Irish potato" as we call it, also furnished, it is true at a later date, food for the millions of Europe, and we know that it had its origin amidst the sublime regions of the Andes. The cocoa grows wild amidst the forests of the upper Amazon, in that region which almost every geographer in our school maps incorrectly writes *selvas*, a word unknown in Brazil but meaning forests in the Spanish tongue. In the Portuguese poetry the word *silvas* is often used; but the term for plain prose and every-day talk, is *matto virgin*—virgin forrest, therfore Messieurs les Geograpers, please write either Portuguese, or, which is far better, good English in your next edition of Brazillian maps. In 1862 I saw on the western verge of Brazil, the cacociros, of small muskmelon-shaped fruit, which contains the precious seed from which the chocolate is made.

CONSUMPTION OF CACOA.

Although France was the last great division of Europe into which chocolate was introduced, she has become the greatest and the best manufacturer of cacoa in the world. All Europe imports forty-two million pounds. The commercial movement of chocolate in Europe is represented by about $42,500,000. Spain is the greatest consumer, and is the only country where chocolate forms a principal ingredient in the alimentation of the common people. France consumes a third part of the European importation. The remainder is distributed among Italy, Portugal, Germany, England and Russia. The United States imports scarce two million pounds, while an equal population in France makes away with nearly thirteen million pounds, and is constantly increasing in its consumption. In 1849 France imported 3,132,771 kilogrammes of two pounds each; in 1865 her importation was 6,484,767 kilogrmmes.

PRODUCTION.

In the production of cacoa Brazil is the second second country, although she has the largest area in the world that might be used for this easy, clear and profitable culture. The demand of the world for coffee and sugar has caused the Brazilian planters to enter largely into their cultivation.

In 1866 she exported to Europe 8,121,132 pounds of cacoa. Ecuador is the greatest producer, for in the same year; she sent to Europe no less than 22,000,000 pounds. The various countries which furnished Europe with cacoa in 1866 were as follows, according to their rank as exporters, viz

Ecuador	22,000,000
Brazil	8,121,132
Venzuela, New Grenada and Nicaragua	4,000,009
Trinidad	3,000,000
Cuba and Porto Rico	3,000,000
The French West Indies and Guiana	720,000
Other countries—Inia, English West Indies, canaries, Phillipine Islands, etc.	1,358,868
Total	42,200,000

But this by no means represents all the cacoa raising countries or the whole products of those mentioned. Mexico, for instance, harvests 4,000,000 pounds, yet sells but very little—consuming nearly all within her borders. Guatamala, Honduras, Hayti and some other countries, do not rank among the exporters. It is calculated that nearly as much chocolate is consumed in the Western hemisphere as in the Eastern. Ecuador has made the most rapid strides in producing cacoa. In 1855 she raised, principally in the provinces of Esmeralda and Guayaquil, 10,456,000 pounds; in 1865 she more than doubled her harvest, it being 22,779,384 pounds.

Note by Editor.

Why not produce it in California? Our southern counties can produce it successfully.

CUT GRASS EARLY.

[The following good counsel relative to Haying from the *Germantown, Pa. Telegraph*, is in accordance with the advice we gave last week about Haying, and we hope our Hay makers will profit by this information.—ED. FARMER.]

MR. EDITOR.—There has been considerable discussion on this subject, but not much improvement has been made in cutting grass early. Some say "We shall begin haying earlier next season." The time soon comes round and finds them in a hurry about other work; the hoeing must be done and the few days in which they might take advantage of the haying has passed away, and now they must hurry and drive both early and late, while they are losing much in the quality of the hay. There are many tons of hay put into the barn the latter part of August that are not worth more than half price. A farmer had better pay three dollars per day to get the hay crop secured before the seeds are hardened, than to pay one dollar per day after the seed is ripe. I have known intelligent farmers to put off hiring help till the latter part of haying, because they could hire fifty cents cheaper per day than at the beginning of haying. Such men are penny wise and pound foolish. If June grass will make nice yellow butter, why will not June cut grass made into hay make nice winter butter? Then how pleasant to have such nice hay to feed out in the spring?

My stock has always done well on early made hay. I had rather have early made hay without grain, than late cut hay with grain.

Perhaps some would like to know what is late and early cutting. Last season if my haying could have been finished the 18th of July it would have been secured in good order. I did not finish till the 15th of August and find the hay very poor and the cattle know it. It will spend well, but the cattle do not lay on much fat, neither does it increase the flow of milk. Some of my neighbors did not finish till the first of September, and this was June grass. The seed had nearly all fallen out, so that it was not worth cutting. If this grass is cut early or when in blossom, it will make excellent fodder; but cut as late as some cut it, you will find it worth no more than rye straw.

How can the hay crop be secured in better season? We must employ more help or use labor-saving machines. The mowing machine, the horse-rake, and the hay-tedder are great helps; but if the farmer does not begin soon enough with these the grass may get too ripe.

It would be very pleasant to be all done haying by the 10th of July, then you would have plenty of time to secure your grain crops in time, and the rest of the season before fall-work you could be plowing, picking rocks, cutting bushes, dragging muck, etc.

Farmers, think of these things, and try to make a little improvement each year, and in a few years you will make decided progress.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the articles they have to sell are wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newsposters and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

THE NEW

OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ½ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.
Farmer Office.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of FARMER Office

KIRBY'S COMBINED REAPER AND MOWER,

WITH COMBINED SELF-RAKE AND REEL

TWO COMBINATIONS IN ONE MACHINE.

This is the only TRULY COMBINED MACHINE in the world. While many machines PROFESS to be Combined, and some of them are very good Mowers, there are very good Reapers, there are none that Combine both qualities like the KIRBY, and work in either capacity as well as if designed for no other purpose. To

"MONITOR"

Self Raking Attachment IS THE MOST PERFECT THING IN THAT LINE EVER INVENTED

It is COMPLETELY SUCCESSFUL in any or all conditions of Grain, either Heavy, Light or LODGED, or in the heaviest Mustard; as over a Hundred Farmers on the Pacific Coast, who are successfully using them this year, can testify.

The Kirby can cut the largest Mustard without any trouble, and rake it off also, if necessary.

We shall keep a large supply of EXTRAS of all kinds on hand.

The working of the "MONITOR" is so complete, that the closest scrutiny cannot discover that the team works any harder when it is taking off the heaviest lodged Grain, than it is to carry a man to rake off, and the grain is left in much better shape for the binder; so much so, that many claim that it saves the work of one binder, to say nothing of the difference in scattering the grain.

By a device lately invented, the size of the gavels can be regulated at the will of the driver, according as the grain stands heavy or light; it consists of a treadle which operates on one of the ways of the Rake-arm, so that the Rake can be thrown and pass over the grain until a gavel of the right size is collected upon the platform, then the Rake, of its own accord, will sweep it off.

This machine can be set to cut at any desired height from the ground, from two to eighteen inches, by merely changing two bolts, one in the grain-wheel slide, the other in the axle plate, where the joint or independent action is obtained.

This machine never had an equal in heavy lodged grain or grass, as it is in such cutting that it shows its superiority to the best advantage.

TREADWELL & CO.,

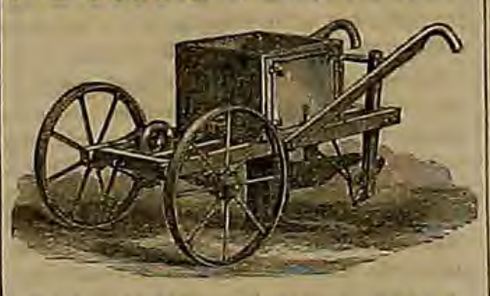
Sole Agents for the Pacific Coast.

30-22—no1

TRUE'S

IMPROVED

POTATO PLANTER.



This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near Market,
SAN FRANCISCO,

IMPORTERS

—AND—

JOBBERS

OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools,

ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMPS.

Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.

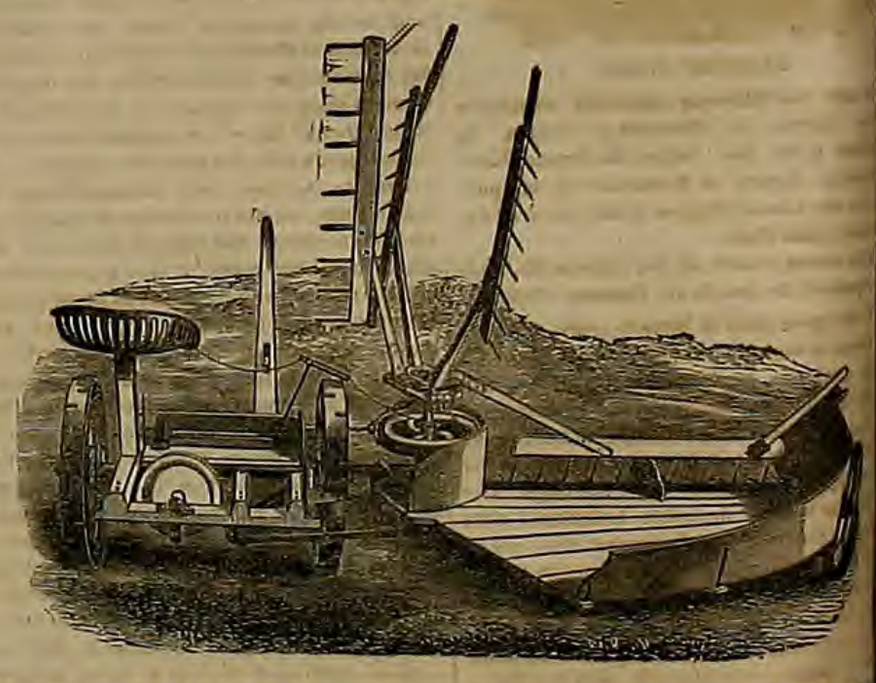
☞ Agents wanted for this Coast [County Rights for sale.

30-63m

M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.

BUCKEYE Mower, Reaper AND SELF RAKER

NEW YORK.
CHICAGO.
PORTLAND.



THE BUCKEYE IS THE BEST MOWER

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER

MARCUS C. HAWLEY & CO.

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could put grain equal to the Buckeye Self-Raker.

SOLE AGENTS FOR C. AULTMAN & CO.'S

CELEBRATED SWEEPSTAKES THRASHER

ALSO, THE GENUINE

HAINES' HEADER,

Manufactured at Pekin, Illinois. Also

Hollingworth's Wheel Horse Rake

The most Improved Rake in use.

M'CORMICK'S HAND AND SELF-RAKING REAPERS.

And a COMPLETE STOCK of

Agricultural Implements and Hardware

MARCUS C. HAWLEY & CO.

31-1-3m 108 & 110 FRONT ST., SAN FRANCISCO.

Horticulture.

WINE AND ALIMENTATION.

Wine taken in certain doses acts exciting and stimulating, an effect which does not only agree with the constitution of many people but is for some a necessity. It moderates in a quiet sanitary way, the too strong effect of the formation of hydrate, produced by drinking nothing but water. But wine plays still another part in the alimentation of the human race. The greasy and saccharine substances contained in the wine in minimum proportions produce, during the act of digestion the phenomenon of combustion, to which is due the animal heat of the body and the formation of carbonic acid gas and water. The salts of lime, potash, salsola kali and silica concur in rewarding the salinous elements peculiar to our cellular tissue which are usually carried away with our excrements. The azotic substances replace, however small an extent, the functions of their degenerous elements. The water finally, which represents about 88 per cent in most of the ordinary wines, is indispensable with the process of fermentation, even if never taken otherwise but in wine. In the wine districts of Europe there are many people who use exclusively wine for drink, never drink anything else than wine, however little recommendable this may be.

The caloric effects attributed to the alcohol in humid combustion are at least doubtful, as a large portion if not the locality of it, is eliminated by different actions of animal economy.—*Monthly Bulletin*

FRUIT IN THE WEST.—From almost every point in the great west, we have accounts of the encouraging prospects for fruit the present season. From our correspondent, Suel Foster, Esq. of Muscatine, Iowa, we have received the following note on this subject:

"I never saw trees so full of bloom and buds — the pear, cherry and plum are in full bloom, (May 1st) and the apple just coming into bloom. Land is sufficiently dry for plowing, and corn-planting is beginning. Grass and small grain look very fine."—*Germantown, Pa. Telegraph.*

THE GROWING CROPS.—We never remember a more favorable spring for getting in the oats, the potatoes, and the corn crops. It was all that the most exacting farmer could ask, and thus far the season have come opportunely and nothing has suffered from too little or too much rain. The wheat, oats and grass crops are scarcely up to those of last year in this section at the same period. We may be mistaken in this, but such is our impression from the scant observation we have been enabled to make. As to fruit generally we never saw the prospect to be better.—*Germantown Pa. Telegraph.*

OUR NATIVE CROP HUNTERS.

The *Alta* recently gave a sketch of the Farmers' neighbors near by.

Within two hours' ride of San Francisco all the native denizens of the primeval forest may still be found. In San Mateo county, among the hills on the western side of the lovely valley of San Antonio, within hearing of the whistle of the locomotive which drags the trains back and forth on the San Jose Railroad, wild game of many a rare species still abounds. For the past two years a huge grizzly bear has been making himself entirely at home on the hill northwest of the Mission Valley Water Company's new reservoir, between San Bruno and Crystal Springs. As he disturbs nobody, and nobody around there has lost sheep recently, he is left undisturbed, and watches his clover in peace, with no one to molest him or make him afraid. When the clover begins to dry up and the berries ripen, he will go back to the coast range and be seen no more for the season. On Saturday a party riding down the road along the Feliz Rancho, between the new reservoir and Crystal Springs, saw a beautiful deer standing within 100 feet of the road, and but a few rods from a house. The deer stood looking at the party without a sign of fear, until a dog approached, when he bounded away into the chapparrel on the hillside and disappeared. Rabbits, doves and quail literally swarm in the thickets, and the pretty school couples—now preparing to 'bring out' their little families at an early day, and wisely protected by law from the ravages of the pot hunter—may be seen trotting along in the roads, at rods or a few rods, for many miles. Wildcats are seen occasionally, and now and then a wolf is seen in close proximity to the houses of the ranchers. If the wild turkey could be once got into the chaparrals which cover the mountains along our coast, the species could never be exterminated, and the region would become a perfect hunter's paradise.—*Alta.*

LATER HOURS.—Lost wealth may be restored by industry; the wreck of health regained by temperance; forgotten knowledge restored by study; wasted friendship smoothed into forgetfulness; forfeited reputation won by penitence and virtue. But who ever again looked upon his vanished hours, recalled his slighted years, stamped it with wisdom, or effaced from heaven's record one blot of wasted time?

THE CENTRAL SUNDAY TRAIN.—The Central Pacific left at 8 A.M. and came in on time yesterday. It was the first Sunday train. Fifty-five through and one hundred and twenty way passengers started by it, and forty-five through passengers arrived.

New Advertisements.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULAR.

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reaper yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all to trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front or all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Stand, Cor of California and Battery Sts.,
SAN FRANCISCO.

Agents Wanted - - - - - $10 a Day.

TWO $10 MAPS FOR $1.

LLOYD'S

PATENT REVOLVING DOUBLE MAPS.

Two Continents, America and Europe, and America with the United States portion on an Immense scale.

Colored—in 4000 Counties.

THESE great Maps, now just completed, 64 x 62 inches large, show every place of importance, all Railroads to date, and the latest alterations in the various European States. These Maps are needed in every School and family in the land—they occupy the space of one Map, and by means of the Reverser, either side can be thrown front, and any part brought level to the eye. County Rights and large discount given to good Agents

Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand

31-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

THE

EARLY ROSE POTATO.

THOSE WHO DESIRE TO SECURE THE

GENUINE EARLY ROSE POTATO

Can do so now, as we have received by LAST STEAMER, a lot of the same direct from

HEADQUARTERS,

From GEORGE A. DEITZ, ESQ., the well known Seedsman, whose Advertisement appears in our columns this week. We call the attention of all who wish this desirable

POTATO

To send their orders in quickly if they would secure from this stock.

We call their attention, also, to the several articles we publish this week from the best sources about this wonderful Potato.

WARREN & CO.
Farmer Office.

NEW GRAINS AND GRASSES.

We ask special attention of all persons who have low meadow lands, or Tule lands redeemed, to the New Grains and Grass Seed received by the late steamers.

As these are entire *New Varieties*, never before known here, it would be well to plant small lots in order to secure the seed for another year.

To those who can do so advantageously, and to some extent, *we will furnish Seed on liberal terms.* Apply at

Farmer Office.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All letters, Orders, Parcels, &c., intended for this office should be addressed

WARREN & CO.,
California Farmer Office

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose sent by Mail, postpaid, for	3 00
4 Pounds of Surprise Oats sent by Mail, postpaid, for	1 00
4 Pounds New Brunswick Oats, by Mail, for	1 00
4 Pounds of Swedish Oats by Mail, for	1 00
4 Pounds of Yellow Mammoth Corn, by Mail, for	1 00
4 Pounds of Yellow Gourd Seed Corn, by Mail, for	1 00
4 Pounds best three varieties of Sweet Corn for	1 00
4 Pounds of China Tea Spring Wheat, by Mail, for	1 00
4 Pounds of Black Sea Spring Wheat, by Mail, for	1 00
4 Pounds of Canada Club Spring Wheat, by Mail, for	1 00
4 Pounds of Hedgerow Spring Wheat, by Mail, for	1 00
4 Pounds of Rio Grande Spring Wheat, by Mail, for	1 00
4 Pounds of Scotch Fife Spring Wheat, by Mail, for	1 00
4 Pounds of Mammoth Bearded Spring Wheat, for	1 00
4 Pounds of Smooth-headed Spring Wheat, for	1 00
4 Pounds of White Hominy Corn, for	1 00
1 Pounds of Harrison Potatoes, by Mail for	1 00
1 Pounds of White Peach Blow Potatoes, by Mail, for	1 00
2 Pounds of Italian Grass Seed or	1 00
2 Pounds of Orchard Grass Seed, for	1 00
2 Pounds of Herd Grass Seed, for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of Red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat, for	1 00
Best Fodder Cutter at Chambersburg, for	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for	90 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for	7 00

☞ Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1 50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls sent out are true to name and pure of the kind.

GEO. A. DEITZ,
Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the NEW SURPRISE OATS, we invite all who wish these most desirable articles, in order to secure them for *this Years Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER OFFICE.

COMMERCIAL

STEAM

Printing House.

The Largest Office in the State.

No. 517 CLAY STREET,

510, 512 & 514

COMMERCIAL ST.

FRANCIS & VALENTINE

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

VALUABLE PLANTS FOR SALE.

☞ **Persons who are desirous of securing a few** very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

WARREN & CO.,
tf *Farmer Office.*

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION,*
Can obtain SUPERIOR SEED at the

FARMER OFFICE.

Miscellaneous.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres of Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most easonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
51-3 Third floor

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of these extensive Ochards, should pay the purchase money in three or four years.

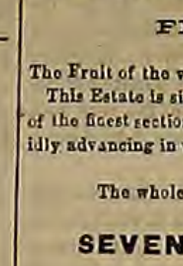
Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3- EDITOR FARMER.

C. GROEZINGER,



DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address

EDITOR FARMER.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

—AND—

SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Districts shall have a copy of the

"CALIFORNIA FARMER"

TERMS OF SUBSCRIPTION:

(Payments in Gold or Silver, Always in Advance.)

By mail, one year,.....$5 00
" " six months,.....3 00
When payments are delayed six months,.....6 00

CLUBBING.

To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
do fifty 175 00

Or, we will give as Premiums, as follows:

For every club of five, and $25, Agricultural Books valued at.....6 00

To every club of Ten, and $50, Agricultural Books valued at..... 15 00

For every club of Twenty, and $100, Agricultural Books valued at 30 00

For every club of Fifty, and $250, Agricultural Books valued at 75

Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valuable Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest themselves we shall be ready to fully renumerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GARDENERS, AND AMATEUR FLORISTS

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vegetable kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and carefully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

Is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....JUNE 3, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

We were greeted to day with a most acceptable offering from the Alhambra Gardens at Martinez.

We found on opening the large box, such a display of lucious CHERRIES, as would be fit for the desert before a king.

The Early May Cherry, the Black Tartarians and other splendid kinds, made a perfect boquet, rich to look at and glorious to the taste.

One branch of fruit also contained, or the same limb with ripe fruit, a cluster of blossoms; this is indeed an anomaly in "cherry time." Our most sincere thanks to Dr. Strenzel, for his liberal gift, a long life to you Dr.

We acknowledge a parcel of valuable seed from the Department of Agriculture at Washington, as follows.

The *Cassaba Melon*, from Smyrna, of which we spoke in previous numbers.

The *Magnesia Melon* from Smyrna. This variety is a long keeping melon, retaining its goodness for months.

The *Kirkaghatsch Melon*, also from Smyrna.

The *Achapesnorricher Melon*, a superior green flesh melon from the *Ionian Islands*, said to be very hardy.

The melon seeds from Smyrna, was sent to the Department by the Gov. General of Smyrna, and consequently are a select kind; these are sent out for careful experiment—and we shall be glad to distribute small parcels where we are confidant they will recieve due and proper care, ordinary cultivators would not properly test them.

VALUABLE ORCHARDS FOR SALE.

We would invite the special attention of capitalists to the *Two Very Extensive Orchards* advertised in our Journal.

Aside from the large and certain income of these orchards yearly, the lands are certainly rising in value, and they must become a very profitable investment.

To any capitalist who has any knowledge of Fruits—any love of the business—here is a fine opening to make a great fortune in shipping Fruits over the Rail Road, East. We can give them important information on the subject.

WHERE TO ADVERTISE.—The advantage of advertising in the *Farmer* can be proved in many cases where valuable Real Estates are for sale, or wanted.

We advertised two weeks since, an estate for sale in Napa, within ten days there was two applicants direct from the Farmer, and the Estate was sold to one of these purchasers, advantageously and profitably. While from other advertisements and agents, not a word or a customer; so much for wisely selecting *where* to advertise.

SALAD OIL.—We recieved a sample bottle of "Salad Oil" from G. E. Ball, which we have found to be superior to any Salad Oil we have ever tasted, it has a fine nut flavor, rich and delicious; those who wish an extra Salad Oil, should ask for "Ball's"

—The Cunard steamship China arrived at this port on the 5th inst., in two or three hours less than eight days from Queenstown, Ireland. Her greatest run on any one day was 375 miles, and averaged fourteen knots an hour all the way over. —*New York Exchange.*

The FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco not working well, I will fix it for nothing and pay all express charges.

SAMUEL HILL, Agent,
111 Montgomery street,
San Francisco.

31-19

THE AGRICULTURAL COLLEGE.

This most Important Institution, which should now have been in successful operation and giving to the young men of our State that preparatory Knowledge to fit them to act *their part* as the men of the future of our State, has now come to a "*Stond Still*," or what is worse, it is in our *Courts of Law*, as will be seen by the papers of the day.

It appears that after the laying out of the grounds at Berkley and spending some $7,000, the Gift of the Building and Land at Oakland and Berkley are to be withheld if the Law can do it.

What a commentary is such a state of things upon the management of this hoped for College, and what a disgrace to our State, which, known for its unbounded liberality, can witness a Nation's Gift of 150,000 acres of valuable land, and other Donations and Gifts, that if properly managed would *to-day* have been worth *One Million of Dollars*, now doing no good.

More than a year ago we foresaw this result and knew when the whole thing was arranged politically in the Legislature that the Rich Blessing intended for the *Young Men* of our State would be almost wholly lost.

Where now is the *One Hundred and Fifty Thousand* acres of land, which if it had been properly and judiciously selected and segregated at the proper time and leased or sold in alternate sections, would to-day have formed a fund that would have yielded a princely revenue, and been a source of income enough for all the wants of a College of the First class?

We consider that the Interest of the Agricultural College have been most wretchedly trifled with and prostituted to political and partisan purposes, and our Farmers whose interests in behalf of their Sons have been thus lost, should take immediate steps to right the wrongs which has been done to them by a *Memorial* to the next Legislature, to take this matter in hand and save from this wreck of the Nation's Gift, some little of what it bestowed to their So

It is a most sad thought for reflection, to know that other States with not half the resources we had, have now their Agricultural Colleges in the full tide of success and doing great good, and sending out the present year Graduates that will honor the Institutions from whence they emanate.

We design to ascertain the whole cause of these delays and the bad management of this trust, and hope to have the aid of all who desire to secure the Grant and Benefits of the Agricultural College for our Farmers' Sons.

THE CLINTON BAGGING MILLS.

The "Oakland Cotton Mills" which was built at Clinton some years since by Messrs. Rector and Sons, from Oregon, and which were run as Cotton Mills till recently, when they were merged into a Company and changed into a manufactory for Benlaps and Grain Bags, will soon be in active operation and ready to furnish the Bagging Material and also Bags to our farmers, of the very best quality, and at greatly reduced rates from former years.

It should also be known to our Farmers that this Manufactory would have been in readiness to work now, had it not have been for the hindrance occasioned by the sinking of a schooner in our harbor, whereby thirty-nine cases of machinery was sent to the bottom of the bay in sixty and seventy feet of water, and which, by extreme good fortune, thirty-four cases of the same was raised and is now being put in place ready for work—five cases only were lost.

We were kindly shown through the Manufactory by Mr. Rector, Jr., and we feel certain, from what we have seen, that this machinery is of the very best kind known, having been selected in Scotland and England, by Mr. Rector, Senior, whose experience in manufacturing and machinery entitle him to a high place among scientific and practical manufacturers.

Eighteen large looms are now ready, and the number will be increased to thirty for the making of the material for Bags 28 x 40, and also the making of Seamless Bags.

We noticed a new sewing machine that sews right and left, a kind of cross or lap stitch to give strength.

The new Flax Breaker is a powerful machine.—This and the other new and complete machinery will take the Flax or Hemp in the straw and soon turn it into the Grain Bags for our Golden Grain.

It was remarkably good fortune to recover so large a portion of the machinery that was buried in our Bay, as it would have greatly delayed the works, which will now soon be in operation, as a large stock of "Jute" is daily expected to set the Mill in motion.

The Company imported several Scotch Women, who are experts in this kind of manufacture.—These and other experienced European workmen will soon show what can be done, and our Farmers will feel the benefit of it.

We noticed the unpacking of some of the Cards of the Heckel Machines which was truly fine.—Messrs. Rector and Sons are deserving great praise for their energy and perseverance in pressing on to completion this all important enterprize.

Messrs. Heyneman & Co. are the Agents of the Company. They are well known and enterprizing Merchants of long standing and widely known. They will, as soon as the Mills are in operation, make their Goods known over our State.

We are truly glad to herald the present hopeful prospects of this Important Enterprize.

Family Music.—In the Music needed either for Sacred use or Family worship, or for social joyous occasions, there is no Instrument that has yet been Invented that sends forth sweeter sounds or more beautiful tones than the Mason & Hamlim's Melodeons; and however great the sale may be of all other Musical Instrements, the Mason & Hamlim Instruments are in universal demand and give universal satisfaction.

CONVENTION OF SILK GROWERS.

Perhaps we should not say Convention of "Silk Growers," but rather of *Growers of the Mulberry Tree*, and *Raisers of the Silk Worm*, but the *Interest* is all the same. Silk manufactures could not be had without the Tree was produced upon which they feed the Worm that spins the material that makes the fabric.

We were very much gratified to be present at the Convention named above at their meeting on Friday evening last, as the very good attendance and the earnest interest that was manifested by all present, the united good will and the generous feeling was good evidence that there was a unity of purpose in all to promote the real welfare of this cause.

There were some *Twenty-five* persons present.—Two Ladies who are engaged in the cause were present also, which was a source of much interest, as it is clearly shown now that women and children will become great cooperators in this enterprize.

We herewith give the full Report of the meeting with much pleasure, and while we recall their doings, we feel glad to say in justice to those present, that we have never attended a meeting in our State, connected with its Industrial Interest where so much real, earnest, united energy was manifested as at their meeting; all selfish considerations seemed to be laid aside, and a general desire was uppermost to advance the general good over the entire State.

SILK GROWERS MEETING AT SACRAMENTO.

Persuant to call, a meeting of those engaged in Silk Culture in the vicinity of Sacramento, was held in the Rooms of the State Agricultural Society on Friday Evening last, the 28th. I N. Hoag, Secretary of the Pioneer Silk Growers Association. in the absence of the President, called the meeting to order and stated that the object of the meeting was to compare notes, or interchange thoughts and experiences in regard to the business in which we are engaged. He believed that those present represented an industry, which in the future would be of greater value to the people and State of California than any other. That so little was known practically of the business, by many of those engaged in it, that he thought it very important that frequent meetings of the growers be had, for the purpose of mutual improvement. That he was exceedingly anxious that success attend the efforts of all engaged in the enterprize, for the benefits it would bring not only to those immediately interested, but for the general benefits. That since the last meeting of the Association, the number engaged in the business had greatly increased—and that an opportunity would now be given for all the old members to pay in their annual dues, and for all who desired to become members to do so.

I. N. Hoag, J. S. Harbison, Wm. M. Haynie, T. B. Flint and A. P. Smith, paid in their dues of one dollar each, and the following persons paid in two dollars and a half each, and became new members, viz. G. R Clark, A. F. Goddard, C. W. Reed, Wm. Blanding, W. R. Clances, John Smith, E. F. Aiken, D. A. DeMerit, H. A. Burnett, G. F. Glover, L. Waldrum, Wm. M. Millard, A. A. Goddard, G. L Henry and Sydney Smith,

Col. Warren of the *Farmer*, was elected an honorary member, also two ladies being present. they were elected honorary members of the Association, their names we did not learn. Capt. William Blanding of San Francisco, was elected President pro tempore.

Several amendments to the Constitution, were offered by Mr. Haynie, and under one of the requirements of the Constitution were laid over till the annual meeting in September next.

Capt Blanding the President pro tempore, made some very interesting remarks in reference to the industry, showing its profitableness and importance, and read a statement of facts, called from his correspondence from Japan and Europe, which we hope to be able to publish next week.

A Committee of Correspondence, consisting of Wm. Blanding, I N. Hoag and Wm. M. Haynie, were elected. The Rev. I. S. Deihl coming into the room was introduced by the Secretary, and upon invitation made some very interesting remarks on Silk Culture in Asia, where he has been travelling for the last ten years. On motion an invitation was extended to Mr. Deihl, to deliver a lecture before the Association at such time as will suit his convenience. The invitation was accepted and due notice of the time and place of the lecture will be given.

The committee of correspondence, were instituto procure a uniform paper, to be stamped with the Seal of the Association, for the use of the members in saving the eggs of the worms. The object being to prevent imposition by traders in European countries, in counterfeiting California eggs which has been done the past year, to a very great extent. All other Associations of Silk Growers in this State, were invited to cooperate in this last matter.

Col. Warren thanked the Association for the compliment paid him, and promised to do in the future. as he had done in the past, all he could to forward an industry in which he had long had so much faith, and which he now saw, about to be made so successful. He believed it would soon take rank as one of the first and most profitable industries of the State.

The meeting adjourned to such time as the Rev. Mr. Deihl should select for his lecture.

THE GREAT MAP.

We call especial attention to the *Advertisement* of J. T. Lloyd, Esq. of New York, of his New Map of *America* and *Europe*.

This is one of the most important Maps ever yet published, and very soon we shall show them at our Reading Room. Everybody should have one.

Crops in Oregon.—The *Oregonian* states that the Crops in Washington County are exceedingly promising; that the estimated yield will be *one-third more than ever before.*

OUR SILVER WARES.

In former years in this State, every table fork, tea spoon or mustard spoon, had to be imported either from Europe or the Eastern States; not even a "tooth-pick" could be made here, and yet there lay sleeping in the mountains and hills of our Pacific Slope, the *raw material*. Enough, as we see daily almost, pass our streets in solid bricks, to build a Palace for Aladin.

But as the Silver was here and the Gold was here, so was the Mind and Genius that was soon not only to develop these rich mines, but to convert these precious materials into those wares for our home use, so needed, not only for our daily use, but also to give due employment to our own skilful artizans, and save the necessity of sending away these precious metals; not only draining our country of its wealth which was placed here by Providence, for the up-building of a great and mighty section of country, but destined to wield a most important influence in the advancement of our whole country.

We remember well when Mr. Vanderslice, then with Mr. Sherman, first began to manufacture home made silver ware in this State, on Washington street near our office. It was indeed small beginnings, but like all new enterprizes, it was like the "acorn" small when first planted, but soon from this true germ, it has now become a mighty Oak, among the various enterprizes of the day, beneath whose branch will be found the manufactory of VANDERSLICE & Co., (on Montgomery street, near the Pioneer Hall) about twenty-five men of skill and genius, who now send forth Silver and Gold Wares that cannot be surpassed in skill of workmanship, or beauty of style by any manufactory in America or Europe.

It must be a source of pride and gratification to every Californian, to know that our State is making such progress, and also winning a name, fame and applause abroad that is exciting envy almost from all other countries.

Already Mess. Vanderslice & Co., have recieved liberal orders from several of the other states for their manufactured wares, and sets of ware to a large amount have ordered from Europe; strangers from abroad come to us, and take the *native silver* and have it made up into "Service Plate," and various "Memorials" and "Gifts," and these are sent abroad, showing the real wealth of our State in mineral riches, and also the capacity of our manufacturers; and this business must largely increase every year, for in this business, like all others undertaken by true Californians; we are bound to *Excel* in manufactures of all kinds.

Mr. Vanderslice began this manufacture in 1858 on a very small scale, now the works of Vanderslice & Co., employ 25 men, and their orders are always in advance of their power to fill; their machinery and patterns for work are all of the newest and best..

Mr. Vanderslice having been the Pioneer Manufacturer in this enterprize, knows what is needed and Mr. Thompson, long connected with Messrs. Geo. Shreve & Co., now the partner of Vanderslice & Co., knows the tastes and wants of our community, and is happily qualified to attend to the Sales Department, which will always present as rich a display of wares as the longest purse or the most refined taste can desire.

Strangers from abroad, who desire testimonials for friends, to show what our State can do, should by all means visit this establishment as it presents conclusive proof of the wealth of our hills and mountains, and also the excellence of our manufactures and the skill and genius of our artizans. Each and all of them bearing the motto of EXCELSIOR.

SAN FRANCISCO PACKAGE EXPRESS CO.

By reference to our Advertising Columns the new City Express Company's plan of business will be seen.

This enterprize has long been needed in our city. *Public convenience* demands it, and public carriers like this Company at *low rates* (their plan) is just what the people want.

This Company are now well established, with fine waggons, with active, energetic express carriers—men prompt, reliable, and expeditious—just such men, and they will do the work in just such a way as to inspire *public confidence*, and thus win the favor of the entire Public.

Our friends in the Country who send *Produce* to market—Fruit of all kinds, or any products that needs care and prompt attention, by sending to the care of this Company, will have their work done with promptness, and they can at the same time have all their purchases made and forwarded by Steamer or Railroad, and thus make a large saving of time and expense.

The Officers of this Company are well known in our city as reliable men. The Company have already secured a large business which is steadily increasing, which is a guarantee of future success.

We call special attention to this Company, and heartily comment the enterprize.

STEINWAY & Co's PIANOS.—While we are always pleased to hear the cheering and soothing strains of music, day or evening, and while the mind is soothed from the restless cares of the day, are so touchingly described by Longfellow in his inimitable poetic strains, which is also music to the soul that loves harmony; it is always right proper and just, that in our enjoyment of these *life preservers*, we should not forget those gifted minds that *prepare the instruments* that give us that enjoyment, therefore to Messrs. STEINWAY & SONS' should ever be accorded that meed of praise and honor, which belong to those inventors who have attained the *Highest Excellence*, which is now accorded to their Instruments.

GYPSUM.—This most important fertilize can now be had in any quantity, from a ton to a cargo; it is all important and worthy the attention of our Farmers, we shall publish an interesting essay on the subject next week.

THE HARVESTERS BENEFIT.

We call the especial attention of our Harvesters at this time to the IMPROVED "HALL'S THRASHER" as advertised in our Journal by Wm. Lyne, Esq., on Davis street.

Among the Improvements now offered is the following:

The Wheel is back of the Grain delivery. The Shoe is one foot longer *than any other Machine*, this gives more surface to clean on and so clean grain, *one foot longer* in the straw carrier, thus better and cleaner work.

This Machine is so constructed that the *feeder* can work all day and be free from dust save what comes from throwing the grain on the table. It never throws dust in the feeder's face, a great gain over other Machines.

Mr. Lyne has also an *Oil Feeder* for this and all other Machines. It is a self-feeder and thus saves all the time which is otherwise required and the Machinery is always in working order. Our Grain growers when in this city should call and see this Machine; it is as handsome as a piece of and the work as well finished, a perfect Machine that the maker may well be proud of, being made of the most thoroughly seasoned material.

This year Mr. Lyne has Imported the Improved Steam Threshing Machines, which will give the Harvesters much greater facilities for doing their work well and cheaply.

Harvesters should by all means obtain his Self-Oilers as a matter of economy, as they save more than half the cost of oil, and all the time required to oil the machinery.

Mr. Lyne is now prepared and is determined to sell his Machines at a very low rate, and guarantees to suit all who will call upon him.

PUMPS WANTED.

As the Dry Season is upon us, although the plan of furnishing water to the *Earth* and to [illegible] by means of windmills and long troughs is well done away, there is still a need, an actual necessity for every Farmer and every Homesteader having Water at this season of the year, and it is therefore necessary that the Inventions of the present day that are devised, by which water can be the most readily drawn from the earth and furnish as wanted, should be made known; therefore in our Columns will always be offered the most important and useful Inventions of the age for this purpose.

We therefore invite attention to the Advertisement of the American Pump Co., of their excellent Pump, which has already found a very large sale, the merits of which are set forth in the Columns of the Farmer by their New Advertisement this week.

We have before us a Letter from "Brigham Young," who having tested this Pump at "Salt Lake" the last year, send orders for more for this year.

This company are making them in large numbers, and the rapidity of their sales is conclusive evidence that they are approved of. It will be interesting to all who are seeking Pumps to call at the rooms of the Company, where can be seen all the practical workings of this Pump and the Proprietors will explain the value of the [illegible] to the purchasers.

THE PARLOR PHOTOSCOPIC TABLE.

As we are frequently written to relative to a New and Beautiful invention, we give from the Artist a description and directions relative which will answer many of the inquiries made to us.

The "Photoscopic Table" weighs about [illegible] pounds. It stands on central legs, is octagon in form, and about forty inches high. The pictures revolve horizontally on a conical [illegible] floor inside. The optical arrangement for magnifying and giving life effect to the pictures or scenery, is also inside the table. The [illegible] without pictures, ranges from $50 to $[illegible] Walnut finished in oil for $70 to $75.

Unless a person has seen one of these in actual use, and had the manner of preparing and setting the pictures fully explained it would not be well for them to attempt to [illegible] the pictures themselves, as this requires skill and experience, and they might spoil [illegible] Any person desiring one of the tables, their way will be to do up all their good photographs in a package, and send them to this office, and will *have them prepared and placed in the table properly before it is sent up.* It will cost about [illegible] per dozen to have this done, but it will be done well, and full directions for using the table will be sent with it.

Any sized photograph, from the Cabinet [illegible] to the smallest sized Carte de Visite and Vignette there is a place for each class in the table.

LOOK TO YOUR GARDENS.

Now that the dry season has come, it will be well for all who have *Garden Spots*, to look to them and care for them at once; all *trees*, shrubs and *vines*, should be carefully trimmed of all suckers and useless branches, and [illegible] flowering plants, should have decayed bulbs and blossoms removed, weeds and useless vines removed, as all these take the moisture and nourishment away from the plant.

Mulching should now be attended to, [illegible] rotted manure should be spread over the surface of the ground, 3 to 6 inches deep, this protects the soil from burning, and guards the roots of the plants; where it can't be done to the whole surface ground, have it done by all means to the most valuable plants and vines—when this is done, a good copious showering from the hose at night, over all the *foliage* to wash it off will accomplish great good.

When the earth is covered with manure, the water falling on the manure, keeps it from [illegible] the surface earth below is kept cool and moist, never bake.

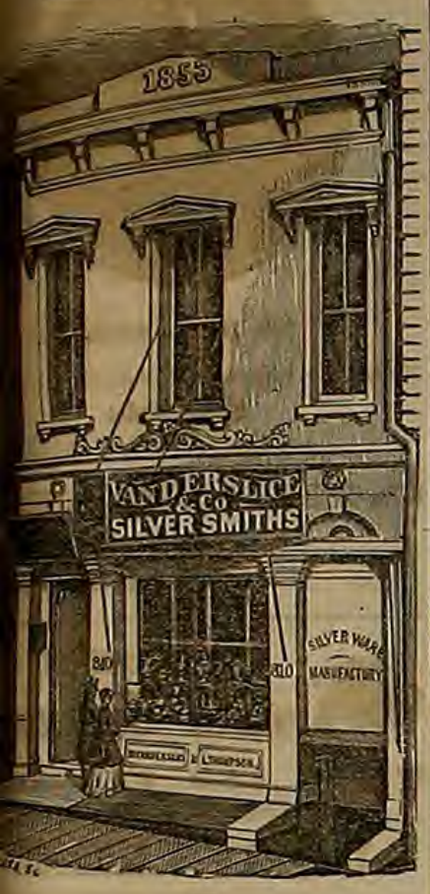
—The Stockton Land Office is now open for business.

New Advertisements.

W. K. VANDERSLICE. L. THOMPSON.

—

SILVERWARE MANUFACTORY.



We offer every kind and variety of Silverware of our own make, or made to order for purchasers.

We have demonstrated that we can easily compete with Eastern or European manufacturers, and those wishing to purchase Silverware, if they will call on us we will convince them it is so, and that they can purchase of us A BETTER ARTICLE and at LESS PRICE than the Imported Wares.

Orders by Express promptly attended to, and at as low prices as could be obtained if ordered personally.

Manufactory and Salesroom,

810 MONTGOMERY STREET,

JUST ABOVE JACKSON.

☞ Goods sold at RETAIL as well as Wholesale.

W. K. VANDERSLICE & CO.

31-19

THE AMERICAN SUBMERCED PUMP

THE ONLY PUMP COMPOSED OF ALL METAL. No Rubber or Leather packing. For ease of working, great power in forcing, with hose, constitute these for irrigation, or as a Fire Engine, the greatest Invention ever in use in the way of Pumps.

They are on practical exhibition at the Company's Warehouse.

Farmers wanting a Pump, and who cannot come and see their operation, will be sent a Circular giving full particulars of their great advantages by addressing the

Pacific Pump Manufacturing Co.

Nos. 211 and 213 California St.,

31-19 SAN FRANCISCO.

New Advertisements.

TO THE PUBLIC!!!

THE

SAN FRANCISCO

PACKAGE EXPRESS COMPANY.

CAPITAL.....$100,000

IS ORGANIZED FOR THE PURPOSE OF CARRYing Passengers, Baggage, Packages, and Parcels from the different Railroad and Steamboat Lines, and delivering the same to any part of the City.

To our friends from the Country this system presents itself for their consideration. They can give their checks, etc. to our Messengers on the Cars and Boats and feel perfectly sure that all will be safely and promptly delivered, thus saving any trouble with Hackmen or Job Wagons.

The Street Cars run from all Depots to the different Hotels.

Fruit or other Freight consigned to our care will be promptly delivered, and Freight Bills paid.

Mark Care of

"S. F. Package Express Company,"

Commissions for the purchase of goods in this City especially solicited, and articles forwarded as directed.

This Company commends itself to the General Public. The same system has been long in operation in Eastern Cities with great success.

GENERAL OFFICES:

212 Montgomery St., opposite Lick House,

AND

211 and 213 California St., near Battery.

D. V. B. HENARIE, Pres,

T. A. MUDGE, Secy and Treas.,

H. B. MURRAY, Supt.

31-19

GYPSUM. (Sulphate of Lime.)

This well known but most wonderful fertilizer has not yet been practically introduced into the Agricultural interests or before the minds of our California cultivators, for the reason that there was no supply, and because it was hard to make them believe our lands needed manuring.

The time, however, has arrived when, by the admitted fact of the deterioration of our soil and the lessening of crops, something must be done to restore the soil and bring it into that state of fertility necessary to make it profitable to cultivate the soil.

Gypsum is a compound of Sulphuric Acid and Lime, and the object of this fertilizer is the fixing of Ammonia, thus making it the direct food of plants, either by supplying the Sulphate of Lime or by its decomposition, affording the Sulphur so necessary to the due development of certain plants.

Sprengel's Analyses shows the quantity of Lime and Magnesia, Sulphuric and Phosphoric Acids to be very large in the following plants, and for these this fertilizer has no superior:

Wheat, Barley, Oats, Potatoes, Cabbage, Swedish Turnips, Clover, Beets, Turnips, and root crops generally; thus ensuring to a certainty its great importance to the Farmers.

Liebig's Natural Laws of Husbandry gives conclusive proofs of its superiority as a fertilizer on Clover and Grasses, furnishing details of experiments made by distinguished men in various parts of Europe.

According to the experiments made by Buckholtz, Gypsum is composed of *thirty-three* parts of Lime, *forty-three* of Sulphuric Acid, and *twenty-four* of the water of crystalization.

Gypsum is often called Plaster of Paris, but this is wrong—it only takes that name and character when it has been deprived of its water of crystalizates by fire; there it becomes *Calcined Gypsum* or Plaster.

Gypsum for Dry Countries like California, will prove immensely valuable, as when used as a fertilizer in our hot and dry soil, its waters of crystalization are seperated by means of our hot climate and go at once to benefit the plants, while the Acids and Sulphate of Lime is taken up by the soil, enriching it to a very great degree.

The undersigned is now prepared to furnish this valuable fertilizer by the quantity to all who desire to try its well attested virtues.

CHAS. J. JANSON,

222 BATTERY STREET.

31-19

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have *"Tule lands,"* for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

New Advertisements.

LAKE VINEYARD WINE COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,

May 1st, 1869. San Francisco.

31-16

JUST ARRIVED!

HALL'S IMPROVED

STEAM

THRESHING MACHINES

Having a Shoe with Seive 48 inches long, and the large Iron Planet or Smith Horse Power.

ALSO,

Indianopolis STEAM ENGINES,

Made by Sinker & Co.,

TOGETHER WITH

PORTABLE STEAM ENGINES,

Expressly for Threshing.

PATENT SELF-OILERS

For Cylinders and other bearings, warranted to save one-half the oil formerly used and have the bearings always lubricated.

MACHINERY OIL AND AXLE GREASE,

Warranted not to gum.

Mowers, Reapers, Headers, Etc.,

On hand and made to order, Grain Carriers or Drapers for all the different Machines, Header Belts or Drapers, Selves or Riddles, Screens, etc.

Extras of all descriptions constantly on hand

JOHNSON'S UNION

Washing Machine and Wringer,

The Best in use.

WM. LYNE,

115 and 117 Davis Street,

Between Sacramento and California,

SAN FRANCISCO.

31-19

SUPERIOR MELON SEED

FOR LATE PLANTING,

We have just received from New York, a small Invoice of *Superior Melon Seeds*, of the following kinds for late planting.

PURE ICE CREAM MELON,
TRUE NETTED CANTALOUPE,
LONG GOLDEN MUSK MELON,
GREEN FLESH MELON.

Now is the time to plant Melons on our river-band lands, and on all alluvial soils; planted now, they spring into bearing quickly.

For sale at FARMER OFFICE, 320 Clay St., up stairs.

THE BEE-KEEPERS' JOURNAL,

And Agricultural Repository.

A large and handsome monthly, at $1 a year. Specimen copies sent free. Edited by Homer A. King, and Ellen S. Tupper: the former, author of "The Bee-Keepers' Text Book, (Which has reached its eighth edition, having run 7 editions of 16,000 copies in two years,) and the latter Iowa's noted writer on Bee-culture. A specimen copy with liberal premium offers and "Hints to Bee-keepers" sent free. Write now and not forget it. Address

H. A. KING & CO., Nevada, Ohio.

Until Sept. 1, 1869, and thereafter in New York City.

31-19

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,

Or GEN. JOSIAH HOWELL, Sacramento City.

New Advertisements.

TO THE FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

Home Miscellany.

MY YOUTHFUL GUIDE.

BY MRS. C. M. STOWE.

Looking o'er the dim old past,
Dreaming of what might have been,
'Til my heart grew young at last,
Guileless, pure, and free from sin—
Ah! methought the wheels of time
Had turned backward in their flight,
While my childhood in its prime
Welcomed in the rosy light.

Seated 'neath the willow tree,
Jamie playing by my side,
Wee pants rolled above his knee,
Proud was I of such a guide;
Hand in hand, and feet all bare,
Jamie led me to the brook,
Bade me step, *now here, now there*—
Pointing out each pebbly nook.

Bright stones glittering in the sun,
As we held them in our hands,
They were counted one by one,
Washed like jewels from the sands.
Ah! we prized our goodly store—
Some were round, or red, or gray—
As we waded to the shore,
Laughing, talking, all the way.

Jamie's years were more than nine,
We were young and both so small,
In that far off summer time,
When to me he seemed so tall;
With his blue eyes laughing, bright,
And his wealth of sunny curls,
Clust'ring o'er his brow of white,
Fair as any dainty girl's.

But his blue eyes long ago
Closed upon this world of light;
Jamie's form is lying low,
While I sit alone to-night.
I have waded sorrow's stream,
With no hand to point the way;
Where the shining pebbles gleam
I have gone alone to play.

But to-night I feel his hand
Clasp me as in days of yore;
Jamie! in the better land,
Can we live the old time o'er?
Can we wade the stream above,
Gathering jewels rich and rare?
Will the blue eyes, filled with love,
Guide me with such tender care?

—*San Jose Mercury.*

HOW TO WASH EASILY.

A house keeper, in the *Prarie Farmer*, says: "I am neither a news paper correspondent, nor an authoress; but for the benefit of the sisterhood who do their own washing, I want to give a recipe, which I have proved and know to be good. It was given me by a friend who has used it a number of years, and says it will not injure the clothes. Washing-day is the most tiresome of the week; to be sure machines and wringers have done much to lighten the labors, but even with these, I wash more easily by using the fluid. I wish some one would try this recipe and report how it works. Here it is: Five pounds of sal soda, one pound of borax, one pound of unslacked lime. Dissolve the soda and borax in one gallon of boiling water; slake the lime in the same quantity of boiling water; stir a few times, and let it stand until morning, when the clear fluid should be run off into jars, ready for use. For two pails of water use a half a pint of the compound. Soak your clothes over night putting soap on the soiled parts. In the morning wring them out and put them on to boil, first putting some of the fluid and soap into the boiler. After boiling ten or twelve minutes, take them out into your machine or tub and the dirt will rub right off; then rinse well in two waters. Some will say 'it will not do to boil dirty clothes,'—just try it and your clothes will look nicely, and you will not be near as tired."

THE DANGERS OF A BELLE.—If there is a weak spot in any woman's armor, it takes a woman to find it out, and thrust a needle into the quick just there. There is nothing so dangerous in society as for a girl to be pretty and too clever. She runs the risk of rising above mediocre females, thus becoming a target for all the women who receive less attention than she does, and therefore exciting their wrath. The laurels of a belle are often won through feelings wounded and sensibilities grieved. Women are never grateful to the men for making one of their sex a belle, and when a beauty, by the sheer force of her loveliness and intelligence, carries everything before her, and makes all men her willing captives, it is just here that her own sex set to work like beavers to decry her. Hence it is a fearful and responsible thing to be the belle of the season.

INDOLENCE.—If you ask me which is the real hereditary sin of human nature, do you imagine I shall answer pride, or luxury, or ambition, or egotism? No, I shall say idolence. Who conquers indolence will conquer all the rest—indeed, all good principles must stagnate without activity. —*Zimmerman.*

—At 16, a woman prefers the best dancer in the room; at 22, the best talker; at 30, the richest man.

A CLERGYMAN'S JOKE.

I was spending the night in a hotel in Freeport, Illinois. After breakfast I went into the sitting-room, where I met a pleasant, chatty good humored traveler, who, like myself, was waiting for the morning train from Galena. We conversed freely and pleasantly on different topics, until seeing two young ladies meet and kiss each other in the street, the conversation turned on kissing, just about the time the train was approaching.

"Come," said he, taking up his carpet bag, "since we are on so sweet a subject, let us have a practical application. I'll make a proposition to you. I'll agree to kiss the most beautiful lady in the cars from Galena, you being the judge, if you will kiss the next prettiest, I being the judge."

This proposition staggered me a little, and I could hardly tell whether he was in earnest or in fun; but as he would be as deeply in as I could be, I agreed, provided he would do the first kissing, though my heart failed somewhat as I saw his black eyes fairly dance with daring.

"Yes," said he, "I'll try it first. You take the back car and go in from the front end, where you can see the faces of the ladies, and you stand by the one you think the handsomest, and I'll come in from behind and kiss her."

I had hardly stepped inside the cars when I saw at the first glance one of the loveliest looking women my eyes ever fell on. A beautiful blonde, with auburn hair, and a bright, sunny face, full of love and sweetness, and radient and glowing as the morning. Any further search was totally unnecessary. I immediately took my stand in the aisle by her side. She was looking out of the window earnestly, as if expecting some one. The back door of the car opened and in stepped my hotel friend. I pointed my finger at her, slyly, never dreaming that he would dare to carry out his pledge, and you may imagine my horror and amazement when he stepped up quickly behind her, and stooping over, kissed her with a relish that made my "mouth water." I expected, of course, a shriek of terror, and then a row generally and a knockdown; but astonishment succeeded astonishment when I saw her return the kiss with compound interest.

Quick as a flash, he turned to me and said:

"Now, sir, it is your turn," pointing to a hideously ugly, wrinkled old woman who sat in the seat behind,

"Oh, you must excuse me! you must?" I exclaimed. "I'm sold this time. I give up. Do tell me whom you have been kissing?"

"Well," said he, "since you are a man of so much taste, and such quick perception, I'll let you off." And we all burst into a hearty peal of laughter as he said, "This is my wife. I have been waiting for her. I knew that it was a safe proposition.

He told the story to his wife, who looked tenfold sweeter as she heard it.

Before we reached Chicago we exchanged cards and I discovered that my genial companion was a popular Episcopalian preacher of Chicago, whose name I had frequently heard. Whenever I go to Chicago, I always go to hear him, and a heartier, more eloquent preacher is hard to find. He was then a young man; he is now well known as one of the ablest divines of the Episcopal denomination in the West.—*Harper's Weekly.*

BEAUTIFUL THOUGHT.—A writer whose life has passed its meridian, thus eloquently discourses upon the speedy flight of time:

"Forty years once seemed a long and weary pilgrimage to make. It now seems but a step; and yet along the way are broken shrines, where a thousand hopes are wasted into ashes;—footprints sacred under their drifting dust, green mounds where the grass is fresh with the watering of tears; shadows even which we should not forget. We will garner the sunshine of these years, and with chastened steps and hope push on toward the twinkling where the waters are still and the storms never beat."

—Nothing sets so wide a mark between a vulgar and noble soul as the respect and reverential love of womanhood. A man who is always sneering at woman is generally a profligate or bigot.

COMPLIMENTARY PRESENT.—On the occasion of the Moonlight Excursion train, last evening, given by Superintendent Binney to the ladies of Marysville, the recipients of this favor, as well as of others of the same kind annually, responded by presenting Andrew J. Binney with a magnificent gold headed cane. The presentation was made at Oroville last evening, and was a great surprise to the gentleman so deservedly complimented. We expect to hear next that some lady's hand will be presented to and duly acknowledged by the gentlemanly Superintendent. So mote it be.—*Marysville Appeal.*

To cut a glass bottle in twain.—An experiment.—The following plan, to break a bottle or jar across its circumference, so as to form a battery cup, or vessel for other purposes, may be of some service to our readers. I have performed the operation successfully many times. Place the bottle in a vessel of water, to the height where it is designed to break it; also, fill the bottle to the same height. Now pour coal oil inside and out on the water; cut a ring of paper, fitting the bottle. Saturate with alcohol or benzine, so that it touches the oil. Pour also, some inside the bottle. Set on fire; the cold water prevents the glass from heating below its surface, while the expansion caused by the heat will cause the vessel to break on the water-line.—*Scientific American.*

BLACKBERRYING PARTIES.—Parties of gentlemen and ladies leave this city daily for a hunt after wild blackberries, which are said to be very plenty this season. A thousand or less persons were along the Yuba bottoms on Sunday in search of these fine berries.—*Marysville Appeal.*

Miscellaneous.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machiner beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C. McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

THE

PHOTOSCOPIC

Table Company.

THE NEW INVENTION of this Company is known as the ANTHROPHOTOSCOPIC, or "Photoscopic Table," designed to give a LIFE effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION

this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group FAMILIES entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changable pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

Those who desire to PURCHASE, can see one of the Tables by calling at the FARMER Office, or addressing EDITOR FARMER. 32-1

GARDEN GROUNDS LAID OUT,

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, Plants, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO.,
Farmer Office.

PACIFIC ANATOMICAL MUSEUM,

....AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,

Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 29x1

Preserve Your Sight!

BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No. 205 Montgomery street, San Francisco.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,

A Showy, Handsome and Graceful Ornamental Variety

JAPAN LILLIES,

Rare Kinds ROSES,

GERANIUMS,

HELIOTROPES,

FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from three acres of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE

Miscellaneous.

GEO. O. WHITNEY & CO.

PIONEER

FURNITURE

AND

Upholstery Warerooms

MANUFACTURERS

AND

IMPORTERS.

ESTABLISHED 1850.

HAVE RE-OPENED AT THE NEW AND SPACIOUS BUILDINGS,

No. 319 and 321 PINE STREET,

Where will be found the most EXTENSIVE AND VARIED ASSORTMENT OF GOODS in the above lines ever before exhibited for sale on the PACIFIC COAST 31-13

ECONOMY

WASHING MACHINE!

A new lot of the above named Machines, including all the latest improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JOHN M. HORNER, MISSION, SAN JOSE, LAMEDA COUNTY, will receive prompt attention.

20,000 NEWSPAPERS.

We have TWENTY THOUSAND Newspapers—Newspapers of the largest size among our Exchanges, suitable for WRAPPING PAPER for Dry Goods, Clothing, etc.

—ALSO—

TEN THOUSAND

Of the best gricultural Papers known, comprising our various gricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on gricultural matters, can have there at low rates by the 100. Apply at FARMER OFFICE.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE EIGHTEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 27th, 1868

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S J. President.

CARLOS O'DONNEL'S

CALIFORNIA

CORDIAL TONIC

OR

Wild Cherry Bitters.

TRADE C. O. D. MARK

This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

DYSENTERY, DIARRHŒA

NERVOUS AFFECTIONS,

Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

N. B. JACOBS & CO.

Sole Agents,
423 *FRONT STREET, SAN FRANCISCO.*
31.123m.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868

FOR THE BEST

WHITE AND RED WINE

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867

Silver Medal

BY THE MECHANICS FAIR, 1868.

FOR THE BEST SPARKLING WINE

ISIDOR LANDSBERGER,

30-12. 429 Jackson St.

RAISIN,

And other choice

GRAPE CUTTINGS

ALSO,

WINES AND BRANDIES

Of the choicest variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY

State Agricultural Society, 1867,

TO THE

Natoma Vineyard

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 21

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of NEW STRAWBERRIES, RASPBERRIES, BLACKBERRIES, &c., to which we call the special attention of all who desire the Best and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY, WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, nine to the pint, GOLDEN QUEEN, magnificent, GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes.

As the amount of these new and rare things is limited, orders only will secure them. Address

WARREN & CO
FARMER OFFICE

OUR HOME INTERESTS

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact and the probability that unless this large sum of money will be increased each year and in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to the East for investment in the purchase of Life Insurance instead of being retained at homes to promote and [illegible] ITS INVESTMENT HERE the commercial, mechanical, agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States on the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION whose capital and assets will not be impaired or [illegible] affected by the change in values that will sooner or later be by a return to specie payments in the other States of the Union. Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to every citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

THE CALIFORNIA

MUTUAL LIFE

Insurance Company

Of San Francisco.

OFFICE NO. 13, MERCHANTS' EXCHANGE.

DIRECTORS:

FR'K McCOPPIN, S F BUTTERWORTH, D O MILLS,
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F. McCOPPIN, President. S. F. BUTTERWORTH, Vice-President.

All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT on EXECUTION for DEBTS, whether the policy be in favor of the party assured or of *any other person.*

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured at any time when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premiums for a period *corresponding* to the time they have paid up, and by merely giving their note, and paying the interest in advance.

Wm. R. WHEATON, General Agent.

CRANBERRY PLANTS BY MAIL. Enclose 50 cents for 100, and send for Circular. OIL PAPER, 6 cents per sheet by mail, $4 50 per 100 sheets; size 24 by 38 GRAFTING-WAX, for Nurserymen and others, highly recommended, and at satisfactory prices. F. TROWBRIDGE, Millard, Cal.
31-16 1mo

Miscellany.

WONDERFUL SURGICAL OPERATION.

For a couple of years during the last decade, ...s attention of visitors to the Museum of the Med...al College, in Boston, was attracted to an iron ...r about three and a half (3½) feet long, and ...bout as large round as a crow-bar. This object ...d an inscription carved upon it, from which in...cription, and from the verbal statements which ...ere given to satisfy the curiosity aroused, it was ...earned that the bar had been driven through the ...ead of a man, by the accidental explosion of a ...harge of blasting powder, and, that this man, so ...r from being instantly killed by the injury, had ...ecovered from its effects, and was actually walk...g on this planet, attending to the ordinary af...irs of life. Such was the outline of a case which ...s become of classic celebrity.

The physician who attended the patient whose ...erebral organism had been comparatively so little ...isturbed by its abrupt and intrusive visitor, was ...r. J. M. Harlow, the writer of the pamphlet we ...e noticing, and who reported the case in the ...oston Medical and Surgical Journal, Vol. 39, No. ... In a foot note to the present pamphlet Dr. ...arlow says:

"Soon after the publication of this case in the ...oston Medical and Surgical Journal, in Novem..., 1848, I received a letter from Dr. Henry J. ...igelow, Professor of Surgery in the Medical De...rtment of Harvard University, requesting me to ...d Gage to Boston, generously proposing to de...y his expenses and compensate him for loss of ... Gage being quite well, and the hole in the ... of his head entirely closed, accepted this pro...sition, and remained in Boston, under the ob...ration of Prof. Bigelow, eight or nine weeks, ...re he was examined by many medical men, ... Bigelow being thoroughly convinced, at a ... when the accident had very few believers ...er in the medical profession or out of it, that ...lusion was as represented—that the iron had ...ersed the brain and cranium as stated. With ...concurrence he reported the case, with illus...tions, in the American Journal of the Medical ...ences for July, 1850."

... Bigelow having thoroughly investigated the ..., and satisfied himself of its genuineness, fin... succeeded in forcing its authenticity upon the ...dence of the profession in this city, as could ...ly have been done by any one in whose sagac...nd surgical knowledge his *confrères* had any ... confidence. But for his persistent efforts, we ... assume, with no disrespect to Dr. Harlow,* ...s great report of the case might have slumbered ...oticed in an old volume of this Journal, and ...r have secured its rightful place in the annals ...rgery—never have been accepted by the med... public, as a record of important facts, to be ...d upon by the physiologist and the metaphy...n. It was Dr. Bigelow, also, who had the ...ription made on the tamping-iron,† and who ...aded the patient to allow it to be deposited ...e Museum of the Medical College. As we ... from Dr. Harlow's pamphlet, the accident ...red in Cavendish, Vermont, on the 13th of ...ember, 1848. The subject of it was residing ...alifornia when he died, which was on the 18th ...y, 1861; between twelve and thirteen years ...g thus intervened between the date of the ...y and his decease. During a short period ...re his death he had several severe convul...

... Harlow had the enterprize to obtain the cra... and the iron bar; and having exhibited them ...he last annual meeting of the Massachusetts ...cal Society, has most generously presented ... to the Museum of the Medical Department of ...vard University. He also gives his obliging ...nt to our using the blocks which furnished the ...rations in his paper, as it appeared in the ...ications of the Massachusetts Medical Society, ...n it is now published in pamphlet form. It ...ows that we have come by the woodcuts in the ...ce of our present number. The pamph... describes the original accident, and the wound... from the outset; also the course of the ..., and the treatment till recovery. It further ... a sketch of the subsequent history of the pa... and concludes with a description of the ex...nal and internal *post mortem* appearances of the ...ion.—*Boston Med. and Surg. Journ. for April.*

* The accident happened, it should be remem..., more than twenty years ago, when Dr. ...low did not reside in this State.

† An implement used in blasting. It was sub...uently reclaimed by the patient.

Short Will.—A man recently died in New Or..., leaving one of the briefest wills on record. ...sisted of five words, "Mrs. Roper is my heir"—with a codicil of four or five words more.—...n folded the sheet, stating in an indorse...t that it was his will, to be opened only in ... of his death, and to be executed by a certain ...ed person, and that a copy of it was in the ... of his heiress. This will was contested in ..., but its legality was sustained.

Cast Iron vs. Sheet Iron for Stoves.—General ... related some comparative expertments ... had been performed by M. Carret, and ..., he said, corroborates his theory. Thus af... remained one hour in a room heated to ...grade) by means of a sheet iron stove, ... perspired abundantly, got a good appe..., felt no sickness whatever; he had ob...the same result with an earthenware stove ... experiment, when performed during only ... half hour with a cast iron stove, had brought ... headache and sickness.—*London Lan...*

A wealthy gentleman in New York died recent... of the glanders. He caught the disease from a ... horse. This is the fourth death of a bu... being from glanders, since the organization ... the New York Board of Health.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets,
SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families" and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House

D. E. CALLAHAN,
PROPRIETOR

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retailers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.
30-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct any erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

AVERY TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge. Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc. being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a return can be had for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essays of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER,

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
A. Seligman,
L. B. Benchley,
Wm. Sherman,
L. Sachs,
Jas. De Fremery
J. G. Bray,
J. B. Newton,
DavidStern,
D. O. Mills,
J. G. Kellogg,
G. H. Howard
Moses Heller,
H. M. Newhall,
G. T. Lawton,
Edward Martin,
Chas. Mayne,
Moses Ellis,
E. L. Goldstein,
Wm. T. Coleman
J. O. Earl,
Lloyd Tevis,
Geo. W. Beaver
Adam Grant,
Alpheus Bull,
S. M. Wilson,
D. J. Oliver,
W. Scholle,
Morton Cheesman,
H. Hanssmann,
D. W. C. Rice,
Oliver Eldridge,
E. W. Leonard
S. Steinhart,
P. L. Weaver,
Wm. Hooper,
Alfred Borel,
A. Hayward,
T. L. Barker,
Alex. Weill,
Chas. Meyer,
J. D. Fry,
M. Rosenbaum
H. H. Bigelow,
T. Lemmon Meyer,
SACRAMENTO
Edgar Mills,
G. W. Mowe,
C. T. Wheeler,
MARYSVILLE:
J. H. Jewett.
STOCKTON:
T. R. Anthony.
PORTLAND, OREGON:
W. S. Ladd,
Jacob Kamm.
VIRGINIA, NEVADA:
Wm. Sharon

Officers:

JONATHAN HUNT, President
A. J. RALSTON, Secretary,
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.

T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
145 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California stret.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credits five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,

PAPER BAGS, TWINE, &c.

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORNIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Oils, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 63 and 71.
Also Grant's Candles, in lots to suit.
30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, June 1.

The Grain Market shows a little firmness this week, which we attribute to the small arrivals here which is caused by the attention of our producers being confined at Home at Haying, and preparing for the Harvest of the Grain crop.

Already Wheat has been harvested, and in many places the fields are already "White for the Harvest."

Although here and there we may hear of blight or rust, the harvest will be a large and a noble one, and we trust our producers will act wisely and press it upon the market, and out of the State as fast as possible.

It is the bounden duty of the producer to send his crops to market early and while there shall be a demand for shipment. Send it abroad and keep the Gold at Home. Our Farmers will feel the benefit of such operations to as great an extent as any class in our community, for should there come a *money panic* their interests will be affected more than any other class in the country.

Grain, &c

Wheat California, ₱ 100 lbs	$1 25	@	1 40
do Extra	1 40	@	1 62
Barley, ₱ 100 lbs	1 25	@	1 50
Rye ₱ 100 lbs	3 60	@	3 25
Oats, California, ₱ 100 lbs	1 49	@	1 75
Corn ₱ 100 lbs	1 25	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	3 00
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	14 00	@	16 00
Middlings ₱ ton	20 00	@	25 00
Oil Cake Meal, for feed, ₱ ton		@	35 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes Old	50	@	75
Potatoes, New	1 00	@	1 50
do sweet		@	
Onions	7 00	@	8 00
Hay, ₱ ton, extra	10 00	@	17 50
Hay, ₱ ton, ordinary	8 00	@	12 00
Straw ₱ ton	—	@	—

Retail Prices in the Fruit Market.

Our Fruit Market shows abundance, and the display is fine. Our people can luxuriate on Fruit now.

Cherries have never been so abundant or fine, and the price is within reach of all.

Strawberries are getting scarce; a few of the Triumph d' Gand's, *Jucunda's*, and the White Chili are on sale.

Raspberries, a few only are in the market and bring a good price.

Currants are fine and plenty, selling reasonably.

Apricots are now plenty and better in quality.

Gooseberries come in very abundantly and are cheap.

Apples, ₱ box	1 50	@	4 00
Pears, ₱ lb	10	@	15
Plums, ₱ lb,	—	@	—
do Large	—	@	—
Peaches, ₱ lb		@	
do Dried	12½	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	20	@	33
Cherries, ₱ lb	15	@	50
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	15	@	20
Raiberries, ₱ lb	35	@	40
Blackerries, ₱ lb	—	@	15
Gooseberries ₱ lb	—	@	12½
Currants, ₱ lb	15	@	25
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25 @ 40		
Chili do	— @ 15		

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

The *Vegetable Market* is enough to make a Californian proud of our State. No other market in the world can make so fine a display of all the culinary articles needed for the table; indeed, we have not only the necessaries but the luxuries. See prices below.

Asparagus, ₱ lb	8	@	12
Artichokes, (Fr.) ₱ doz	25	@	50
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	1 00	@	1 50
Cauliflower, ₱ doz	1 00	@	1 50
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz bunches		@	25
Cucumbers, ₱ doz	1 25	@	1 50
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₱ lb	5	@	6
Green Corn, ₱ doz ears		@	
Sugar Peas	8	@	10
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	5	@	10
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new		@	
do Sweet		@	
Pumpkins		@	
Parsnips, ₱ doz bunches		@	25
Parsley		@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	8	@	10
Radishes, ₱ doz bunches	—	@	37
do yellow		@	37
do black, ₱ bunch	25	@	37
Green Peppers	—	@	62
do Red	—	@	50
Squash, Summer	—	@	8
do Marrowfat		@	5
do Hubbard		@	8
Beans, String	8	@	10
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	40
Salsify, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb		@	50
Garlic	—	@	25

FISH

(Tessmore and Mayes.)

The *Fish Market* is well supplied. Our people are beginning to learn that in our climate a Fish dinner is better than more solid food. Our people work so much with the brain, this kind of food is best for them—so says Professor Agasiz, and he ought to know.

Salmon, ₱ lb	—	@	10
do smoked, new	10	@	12
do pickled, ₱ b	—	@	6
Salmon Trout ₱ lb	25	@	35
Smelts	8	@	10
Perch		@	12
Rockfish		@	12
Codfish, dry	—	@	12
Herring, fresh	—	@	18
do smoked ₱ 100		@	1 00
Tomcod	—	@	15
Sardines, fresh	—	@	6
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small		@	
do soft	—	@	25
Terrapin, ₱ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	—
Shrimps, ₱ lb		@	10
Flounders	—	@	18
Sea Bass		@	
Halibut, rare	—	@	75
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	10	@	12
Turbot		@	62

MEATS.

(L. Miller & Co.)

The solid Beef and Mutton is the same in price as last week, at retail, though the wholesale trade indicates a rise in price. Our Market is admirably supplied with all that is needed.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	—	@	10
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	15	@	18
do cutlet	—	@	18
Mutton, chops, ₱ lb	10	@	12
do leg	—	@	10
Lamb, ₱ lb	12	@	15
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

POULTRY AND GAME.

Poultry has declined in price but not in demand.—Our Poultry raisers are waking up to the importance of care and attention in raising Poultry, for it pays. See rates below.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back	—	@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese, wild, ₱ pair	4 00	@	4 50
do tame	75	@	1 00
Chickens, Young, each	30	@	35
Turkeys, ₱ lb	1 25	@	1 38
Hens, each	1 50	@	2 00
Snipe, ₱ doz	—	@	3 50
do English		@	
Venison, ₱ lb		@	—
Quails, ₱ doz		@	4 00
Pigeons, domestic, ₱ doz		@	
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 00
Spring Chickens	6 00	@	8 00
Turkeys, ₱ lb	26	@	28
Ducks, tame, per doz	7 00	@	10 00
do wild	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz	—	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

The *Dairy* department is steady in price, and the Market well supplied; it remains about the same as last week. We are surprised that Butter should hold up in price and little or no imports of Eastern Butter to check it.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	40
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck eggs	—	@	40
Cheese, ₱ lb	—	@	25
Lard, California	—	@	20
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	35	@	40
do do packed	—	@	—
do Eastern (new)	—	@	—
Cheese, California	16	@	18
Eggs, ₱ doz	—	@	40
Lard, ₱ lb	—	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 9 @ 10c ₱ lb
do. 2d do. 8 @ 9c.
MUTTON—6@8 ₱ lb. LAMB— 9@10c.
PORK—undressed, —7@10c; dressed, 11@12c.
VEAL—10@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 75	@	2 00
Hops, California	20	@	23
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	20@22
do extra	25@27
Medium	15@18
do burry	10@12
Wool-sacks, new	80@1 00
do second hand	40c@50
Dry hides, ₱ lb	16@18
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@20
Goat skins, each	40@60
Refined Tallow	8½@9¼

A CARD.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all HUMAN ENTERPRIZES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and they who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

We therefore invite all those who have valuable IMPLEMENTS, MANUFACTURES, INVENTIONS, BOOKS, PAINTINGS, etc. to the Columns of the CALIFORNIA FARMER, that will give them a wider circulation than any other medium they can adopt.

WARREN & CO., Eds. and Prop'rs.

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FOR

Melodeons and Reed Organs.

JUST PUBLISHED.

A Comprehensive System of Instruction, and an Improvement on all other Methods for the Simplicity and Progressive character of its STUDIES, EXERCISES, SCALES, VOLUNTARIES, and RECREATIVE PIECES—containing an admirable selection of Choice Pieces of every grade of difficulty, from favorite and popular authors thus relieving the tediousness of Studies and Exercises, and making the Method interesting, as well as Instructive to pupils; adopting, in this respect, for Reed Organs the System so successfully carried out for the Piano-Forte in "Richardson's New Method" for the latter Instrument. Arranged expressly for Cabinet, American, Metropolitan, Prince & Co., Cathart & Needham, Burdett, Esty, and all other Reed Organs; also for the Melodeon and Harmonian. By WILLIAM H. CLARKE, Author of "The American Organ Instructor" Price in Boards, $2 50. Sent post-paid on receipt of price. OLIVER DITSON & CO., Publishers, No. 277 Washington Street, Boston, CHAS. H. DITSON & CO. 711 Broadway, New York. 31-18

Traveling.

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New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

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The following Steamships will be dispatched on dates as given below.

June 9—MONTANA, Capt. E. S. Farnsworth, connecting with ALASKA, Capt. Gray.

June 18—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCY, Capt. Conner.

June 30—CONSTITUTION, Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

CENTRAL PACIFIC RAILROAD

COMMENCING MAY 17TH, 1869. EXPRESS Trains will run as follows:

EASTWARD.	Miles.	Time.
Leave Sacramento	—	6.30 A. M.
" Colfax	54	9 50 "
" Truckee	120	2.10 P. M.
" Reno	154	4.20 "
" Wadsworth	189	6.30 "
" Winnemucca	324	1.45 A. M.
" Carlin	445	8.30 "
" Elko	468	10.00 "
" Toano	559	3.15 P. M.
Arrive at Promontory	690	11.05 "

WESTWARD.	Miles.	Time.
Leave Promontory	—	6.15 P. M.
" Toano	131	3.00 A. M.
" Elko	222	8.25 "
" Carlin	245	9.35 "
" Winnemucca	366	4.10 P. M.
" Wadsworth	501	12.05 A. M.
" Reno	536	2.10 "
" Truckee	570	4.20 "
" Colfax	636	9.50 "
Arrive at Sacramento	690	1.20 P. M.

FARE.	Coin.
Sacramento to Terminus	$50 00
Children N T over Twelve (12) years of age, and under Five (5) years of age, Free.	Half Fare.
100 pounds Baggage (per passenger) Free.	

☞ Two Trains daily (Sundays excepted) between Sacramento and Marysville, without any change of Cars.

Leave Sacramento at 6.30 A. M. and 2 P. M.
Arrive at Marysville at 9.30 A. M. and 5.30 P. M.
Leave Marysville at 5.30 A. M. and 10.10 A. M.
Arrive at Sacramento at 9.45 A. M. and 1.20 P. M.

☞ For Tickets and other information, apply at the Company's Offices.

C. CROCKER,
General Superintendent

T. H GOODMAN, General Passenger Agent.

☞ The following are the present rates of Fare via. the Union Pacific and connecting roads:

	Currency
Promontory to Omaha	$ 81 50
" " St. Louis	101 50
" " Chicago	103 50
" " Cincinnati	114 85
" " Niagara Falls	118 90
" " New York	123 50
" " Boston	126 50

(Rates are subject to change.)

May 17th, 1869. 31- 6

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings. Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLane's Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not accept any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Do not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER COMPLAINTS, BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINTS and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the Warm South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and sure. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It is our sincere wish that these Pills should be fairly and fo tested, and stand or fall by the effects produced. If they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms consequent on a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is called to perform, and on the regular execution of which depends not only the general health of the body but that of the Stomach, Bowels, Brain, and the whole Nervous System should be vast and vital importance to the health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has a connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate sympathy which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal nature or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will epumerate some of them:—Indigestion, Stoppage of the Bowels, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases common under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increased by pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes present. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning; he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everybody. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, proving the termination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are unequalled to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is ignorant the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is aware, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, judicious in other respects, but which entirely fails in consequence of worms being overlooked, even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled before loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even hopeless with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip, occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy matter on the tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a sickening sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting, violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently mixed with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by a hacking cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual in providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, JUNE 10, 1869. NUMBER 20.

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BY WARREN & CO.

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SAN FRANCISCO.

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GYPSUM AS A FERTILIZER.

...he following paper was read by Professor J. H. ...more of the University of Rochester, before ...Western New York Farmer's Club, February ...1869.

...mong the inorganic constituents of every part ...very plant—root, stem, leaf, or seed—lime and ...phuric acid may be almost universally detected. ...se two substances when combined form *sul...te of lime, or gypsum*—a mineral widely diffused ...most soils, and often occurring in vast masses. ...en crystalized in transparent plates it is *selenite*, ...n of fibrous structure it is *satin spar*, when ...quet and somewhat translucent it is *alabaster*. ...more or less colored by earthly impurities, ...is then called *gypsum*.

...e composition may be approximately stated by ...ng that one-third of its weight is lime, one- ...d sulphuric acid (oil of vitriol,) and one-fifth ...er. When pulverized and heated from three ...dred to four hundred degrees Fahrenheit, the ...er is expelled, and gapsum becomes *plaster of ...ris*, which possesses the remarkable and useful ...perty of returning rapidly to its solid condi- ...n, or *setting*, when moistened with water.

...Gypsum is soluble in the proportion of one pound ...fifty or sixty gallons, and is found in the water ...most wells and springs in varying quantities. ...We are to consider what relation gypsum sus- ...ns to plants. Since all plants contain sulphur, ...y must obviously obtain it from some soluble ...stance which contains it. Gypsum, being such ...bstance, may be absorbed by the roots of the ...nt, both the lime and the sulphuric acid being ...ctly appropriated to its nourishment. Indeed, ...ans of the microscope, minute crystals of ...sum have been detected in the cells of some ...nts. But, besides furnishing the only known ...ural sulphur to plants, gypsum, no doubt, con- ...ibutes *indirectly* to vegetable growth in an emi- ...nent degree.

...When carbonate of ammonia, which is a volatile ...t always tending to escape in the air, is brought ...o contact with gypsum, an exchange of consti- ...nts spontaneously takes place, resulting in the ...rmation of carbonate of lime and sulphate of ...monia. The importance of this change appears ...n we remember this new ammonia salt, though ...y soluble like the other, yet is not volatile, ...d consequently not in danger of being lost by ...poration, but remains in the soil, ready to be ...ken up by the roots of plants. The carbonate ...ing thus newly formed as an impalpably fine ...wder is in a favorable condition for the use ...plants.

...Besides its property of fixing the ammonia with ...ich it meets in the soil, its power of absorbing ...m the atmosphere, renders it an excellent trap ...r catching that valuable game, which is always ...ng about, but which the plant seems powerless ...ure until it is brought within its reach through ...e help of some such agency. This properly also ...kes it a valuable ingredient of the compost ...ap to prevent the escape of ammonia generated there by the decomposition of nitrogenous substances.

Both the constituents of *gypsum* are among the most energetic bodies in their chemical action upon others. In case of their decomposition taking place by any means, each of them would enter into new compounds, and thus promote changes conductive to the general improvement of the soil.

As in the case of other fertilizers, the results of experiment will necessarily vary with the physical and chemical condition of the soil to which it is applied, with the temperature and humidity of the season.

There seems to be, however, a quite general agreement as to the value of gypsum, when applied especially to leguminous plants, such as clover, beans, peas, etc, and also for root crops generally. This is in perfect accordance with the results afforded by the analysis of these plants, in which both lime and sulphuric acid are more abundant than in the grain straw of the cereals. Its favorable influence on grass is probably due rather to the ammonia which it supplies, than to its own fertilizing effect directly

It is highly probable that in some cases the effect really due to gypsum may be erroneously credited to some other fertilizer of which it forms a part. Especially may this occur in the use of the superphosphate of lime, as often prepared.—This will appear if we consider that in treating, for example, a ton of bone dust with the requisite quantity of sulphuric acid to produce the largest possible quantity of soluble superphosphate of lime, *a somewhat larger quantity of gypsum is also unavoidably produced at the same time*, so that the fertilizer thus obtained is, in fact, *a mixture of two distinct substances*, in which gypsum predominates. Such mixtures are sold as "superphosphate of lime."

When the soil already abounds in lime, other sources of sulphuric acid might be employed, or the acid itself might be applied, properly diluted, directly to the soil, where, meeting with the lime, it would instantly form sulphate of lime. But gypsum commends itself to us by its abundance and consequent cheapness. As before stated, a ton of gypsum represents nearly half a ton of sulphuric acid. If the gypsum costs five dollars per ton, the acid is obtained nearly at the rate of half a cent per pound while the market price is from five to ten times greater.

It is well to bear in mind that stock raising and wool growing, as well as grain growing, exhausts the sulphur of the soil, as this element is a necessary constituent of a large number of animal substances.

For example, one hundred pounds of wool contain about five pounds of sulphur.

To restore to the soil this loss, requires fifteen pounds of sulphuric acid, or thirty pounds of gypsum.

In view of the facts now presented, gypsum commends itself to our consideration as a candidate for still further trials.

First—As a direct source of plant food, supplying both lime and sulphuric acid.

Second—As the only known natural supply of sulphuric acid. Other sulphates, as that of soda, would of course furnish plants with this article. But besides its greater cost, as it is highly soluble, the danger of an excess would require great caution. On the other hand, gypsum being far less soluble, however great the quantity of it present in the soil, its solutions could never become concentrated to an injurious degree. It is self-regulating.

Third—As a possible source of lime even in soils where lime is already abundant, but in a physical condition less favorable to its appropriation by plants than the lime furnished by the decompositions of gypsum.

Fourth—As a preserver of ammonia, as already explained, absorbing it from the atmosphere and fixing it as a non volatile salt, available by the roots of plants.

Fifth—As a promoter of the decomposition of organic substances already in the soil, thus rendering them more speedily available.

A consideration of the chemical qualities of gypsum would suggest the following hints as to its use and application as a fertilizer:

First—That it should be as finely pulverized as possible to facilitate solution.

Second—That it would probably produce the most marked effects, other things being equal, on such crops as are known to contain a large percentage of its constituents, such as clover and other leguminous plants, root crops, etc.

Third—That to secure the conditions most favorable to the absorbtion of ammonia from the air and rain, it should be applied on the surface, or as near to it as possible. Its tendency to dissolve and filter down through the soil would suggest the same precaution.

Fourth—As the ammonia thus secured exerts a powerful influence, especially on the formation of the leaves and tender shoots of plants, it should be applied at such a time as to exert its highest stimulating effects upon the growth of the plant during its early stages, when it is most feeble, and most liable to suffer from a variety of causes, such as extremes of temperature, excess or lack of moisture. An earlier maturity might also be thus secured.

GREAT EXPOSITION OF TEXTILE FABRICS

AT CINCINGATTI, AUGUST, 1869. UNDER THE AUSPICES OF THE WOOLEN MANUFACTURERS' ASSOCIATION OF THE NORTH WEST.

Office of the Executive Committee,
CINCINNATI, May 8, 1869.

To the Ed. *Cal. Farmer*:

Dear Sir,

An Exposition of Textile Fabrics will be held in this city, August 3, 4, 5, 6, 7th, 1869. This being a public enterprise in which the interests of a leading branch of industry are involved, you are respectfully requested to call attention to this movement in the editorial colums of your journal.

Some facts relative to the history of the Association, the work it has done, statistics of the manufacturing interest, and an outline of the plan of operations are, herewith appended.

Should you feel disposed to grant this favor, will you send a marked copy of your journal to this office?

For the Committee.

JAS. M. CLARK, Sec'y.

A general meeting of those interrested in the Great Exposition of woolen, cotton, silk, and other textile fabrics, to be held in this city on the first four days of August next, was held yesterday afternoon, April 5th, in Room No. 11 of the Burnett house.

A large Executive Committee was appointed to prepare and lay out the work for the convention. Committees on Finance, General Arrangements, Invitation, Reception, Transportation, and Premiums, were appointed and the following resolutions were adopted to carry out this very Important Convention.

"*Resolved*, That having a deep interest in the prosperity of our city, and the growth of Western enterprises, we hereby cordially invite the manufacturers of textile fabrics in the Southwest and Northwest, to hold an exposition of their products in our city during the month of August next.

"We fully realize at this early day that our work is to be one of great labor but having full confidence in the business men of our community, we shall exert ourselves to make this an occasion worthy of our city and of the vast interests to be represented

"*Resolved*, That our invitation is extended alike to manufacturers of cotton, wool, flax, hemp, and silk, and also growers of wool and cotton.

"*Resolved*, That the Committee of General Arrangements is hereby instructed to procure a suitable room for regular business meeting, which shall be known as the office of the Exposition Committee' where regular meetings shall be held every Friday afternoon at 2½ o'clock.

"*Resolved*, That the Finance Committee is hereby instructed to continue its efforts until the subscriptions to the funds of the Exposition shall reach the sum of $10,000.

"*Resolved*, That all shipments of merchandise be marked with the owners name in full, and also marked, 'For the Cincinnatti Exposition, care of James H. Laws & Co.'"

It will be seen by the above that the executive committee has already arranged matters in good shape, and that, from the names and character of the gentlemen selected for the different committees vigorous action may be expected. Without donbt the contemplated exposition will be one of the most important, and bring to our city one of the largest crowds of people ever assembled here.

[We have recieved important information relative to this Exposition, and shall give more light upon it in our next. An Exhibition of this importance is worthy the attention of the Growers of Textile fabrics and our Manufacturers, and is to be hoped that California will take an interest and be Represented in both the Departments, and in each variety of manufactures, for California is now taking Rank among the Manufacturing States of our Union.—Ed Farmer.]

VALUABLE ORCHARDS FOR SALE.

We would invite the special attention of capitalists to the *Two Very Extensive Orchards* advertised in our Journal.

Aside from the large and certain income of these orchards yearly, the lands are certainly rising in value, and they must become a very profitable investment.

To any capitalist who has any knowledge of Fruits—any love of the business—here is a fine opening to make a great fortune in shipping Fruits over the Rail Road, East. We can give them important information on the subject.

ETC.

[We take the following happy Poem from the June number of the *Overland Monthly*, which as a Magazine, has no superior in the UNITED STATES.]

The *Overland* for June crosses the continent on the completed Pacific Railroad. As there are few readers who have not been told before, that it is the "greatest work of the Age," they will, perhaps overlook the omission here of much of the popular rhetoric in regard to "indissoluble ties," "wedding of the East to the West," etc. But some who remember to have read that "the two locomotives moved up until their pilots rubbed together, symbolic of the friendly salute of their respective owners," did not perhaps hear

WHAT THE ENGINES SAID:

What was it the Engines said,
Pilots touching—head to head
Facing on the single track,
Half a world behind each back!
This is what the Engines said,
Unreported and unread!

With a prefatory screech,
In a florid Western speech,
Said the Engine from the WEST:
"I am from Sierra's crest;
And, if altitude 's a test,
Why, I reckon, it 's confessed,
That I've done my level best."

Said the Engine from the EAST:
"They who work best talk the least.
'Spose you whistle down your brakes;
What you 've done is no great shakes:
Pretty fair—but let our meeting
Be a different kind of greeting.
Let these folks, with champagne stuffing,
Not their Engines, do the *puffing*.

Listen! Where Atlantic beats
Shores of snow and Summer heats;
Where the Indian Autumn skies
Paint the woods with wampum dyes:
I have chased the flying sun.
Seeing all he looked upon—
Blessing all that he has blest—
Nursing in my iron breast
All his vivifying heat,
All his clouds above my crest;
And before my flying feet,
Every shadow must retreat.

Said the Western Engine, "Phew!"
And a long, low whistle blew.
"Come now, really that 's the oddest
Talk for one so very modest—
You brag of your East! You do?
Why, *I* bring the East to *you!*
All the Orient—all Cathay—
Find through me the shortest way.
And the sun you follow here,
Rises in my hemisphere.
Really—if one must be rude—
Length, my friend, aint longitude."

Said the Union: "Don,t reflect, or
I 'll run over some Director."
Said the Central: "I 'm Pacific,
But when riled, I 'm quite terrific.
Yet to-day, we shall not quarrel
Just to show these folks this moral,
How two Engines—in their vision—
Once have met without collision."

That is what the Engines said,
Unreported and unread.
Spoken slightly through the nose,
With a whistle at the close.

NATIVE MARBLE.

The Placerville *Democrat*, May 29th, thus speaks of the Quarry of Marble at Indian Diggings, in the county of Eldorado. Messrs. Luce & Aiken Sacramento, the owners, are among our best marble workers in this State.

"Among the numerous resources of this county, which as yet are not sufficiently developed to attract general attention, we may mention our marble quarries. Prominent among these, and the only one perhaps that has been worked to any extent, is that at Indian Diggings. It is owned we believe, by Messrs. Luce & Aiken, of Sacramento. Works were erected upon or near it about 1861, which were destroyed by fire. The company soon after erected another mill, with four gangs of saws, which has been succesfully worked during favorable weather since. The machinery is propelled by a ten horse power engine, which, we are informed, is in fine working order and soon will be put in operation for the summer. The marble is beautiful and inexhaustible in quantity, and by competent judges has been pronounced as fine and succeptible of as high a polish as the best Italian. The machinery on the claim reduces the marble as taken from the quarry, to blocks and slabs of the requisite dimensions and in convenient size for transportation, and it is then conveyed to Sacramento, where the company's works are located, and worked up as the trade demands."

TEN REASONS WHY EVERY FARMER AND STOCK-RAISER SHOULD TAKE THE 'CALIFORNIA FARMER.'

1st. Every Farmer and Stock-raiser should be a reader of the Journal connected with the interests of his own profession in his own State.

2d. Every such person should give his sanction and support, generously and voluntarily to a Journal that advances his own particular business in his own State.

3d. Every such person is *benefited* by the publication of such a Journal, and is in justice bound to reciprocate such labors.

4th. No person engaged in these employments can be without such a Journal without the loss of many times its cost annually.

5th. The Farmer and the Stock-raiser will always be better advised of the markets, and that kind of information so important to his interests by constant access to a Home Journal.

6th. The *California Farmer* has faithfully advocated the best interests of the Farmer and Stock-raiser for nearly sixteen years, and is the *only Agricultural Journal in California.*

7th. The *California Farmer* contains the most important information relative to these interests in every branch of Agricultural science.

8th. The *California Farmer* contains the announcement of all New Seeds, Grains, Grasses, etc., together with all New Implements that will advance the cause of the cultivators of the soil.

9th. The *California Farmer* contains the arrival and introduction of all the best Stock of all kinds as soon as known, together with the full Market Reports of all the interests appertaining to Agriculture.

10th. The *California Farmer* is now the *only paper* on the Pacific Coast that is continued by its *original Editor and proprietor*, commencing at the time this Journal commenced; and having been constant in its efforts for the good of these interests, deserves the cheerful patronage of all good men.

COATES BROS' WOOL CIRCULAR.

PHILADELPHIA, June 1, 1869.

With the near approach of the new clip, dealers have felt disposed to meet the views of manufacturers, so as to enable them to close out the old stock and be prepared for the new wools; consequently there have been pretty heavy sales within the past ten days of both fleece and pulled, at several cents below the asking prices, at which they had been firmly held for several months past. The market is now pretty bare of both descriptions, with sufficient however, to meet the current wants of manufacturers who are not disposed to purchase except at extremely low rates, as many have stocks of woolen goods still on hand, and those who have closed out their spring productions, have had to do so at such rates as will not warrant any advance in the price of wool.

It seems probable, therefore, that the new clip will open at about the same price as last year. In some sections, farmers have been looking for an advance, and may be disposed to hold their wools until satisfied that the manufacturing interest cannot and will not pay it. This may delay the moving of a portion of the clip for a month or two; but, from the scarcity of money in other sections, there seems to be no doubt but that farmers and growers will be glad to accept the prices paid last year.

Business of all kinds is exceedingly depressed, and everything seems to be tending to a lower scale of prices. The trade in woolen goods especially has been exceedingly unsatisfactory—in very few cases paying cost to the manufacturer.

Although the market is now very dull, and the expectations of holders have been greatly disappointed, yet it seems probable that there may be some reaction as the season progresses, and that as soon as the dry goods market is placed on a sound basis we may see a fair trade for wool.

The sales for the month, of Domestic Fleeces and Pulled, foot up about 1,450 000 pounds, within the range of 40 to 55 for Fleeces, and 35 to 44 for Pulled.

DOMESTIC PULLED.

City Merino Pulled, Long.....	$ 42 @ 43
City Merino Short.....	42 @ 44
City No. 1 Pulled.....	40 @ 42
Western Merino.....	38 @ 40
Western No. 1.....	40 @ 41

CALIFORNIA.

Fine Unwashed Fleeces.....	$ 30 @ 38
Medium Unwashed Fleeces.....	30 @ 34
Common Unwashed Fleeces.....	23 @ 28

COATES BROTHERS,
Nos. 127 and 129 Market St.

A CROAKER DOWN BELOW.—In sinking a well at San Jose recently, a frog was found 120 feet below the surface of the earth. That is a good place for "croakers," it would be a good thing if all croakers could be buried just as deep or deeper, we would not help resurrect them.

Agriculture.

AMERICAN BEET ROOT SUGAR.

Many causes are now at work to interest the capital of this country in the production of beet root sugar. Among these may be enumerated, first, the depression of the sugar trade of the West Indies consequent upon the competition of European beet root sugar, which threatens to compel the abandonment of the business on many plantations. Second, the changed condition of affairs in the sugar growing districts of the United States on account of the abolishment of slavery and the increased cost of labor resulting therefrom. Third, the recent introduction and success of the diffusion process in the East Indies, which renders it extremely probable that the same process will very much cheapen the production of beet root sugar. Fourth, the success which has been achieved by some establishments already devoted to this industry in this country, which demonstrates the feasibility of a further extension of the manufacture.

We have not yet learned the success which the Roberts diffusion process has met with in its application to beet root sugar extraction in Germany where it is now undergoing a term of probation; but whether it succeeds or fails, we do not entertain a doubt that the beet, and not the cane, is to be the chief source of sugar supply for the future.

The beet has the advantage that it can be raised on a very much more extended portion of the earth's surface; it can be worked for a long time after it is harvested, a very great advantage over the cane; and, with labor at equal rates, it will yield a given rate of sugar of equal quality at a less cost than cane. These are facts capable of demonstration. Our attention was called to this subject at a time which presented much less favorable auspices than the present for the establishment of this industry in America, the period when the blight of civil war was resting upon the land. At that time we obtained from some gentlemen, one of whom had become familiar with the matter by long practical experience as superintendent of a beet root sugar manufactory in Europe, estimates of the cost, expenses and probable profits of a similar establishment here, which we may at some future time, after some changes to suit the altered condition of affairs, lay before our readers.

Very few are aware of the enormous quantity of sugar used in this country, and the extremely small proportion grown here. The reports of the Commissioners of Agriculture, show that the United States consume over one billion of pounds of sugar, and forty-five million gallons of molasses annually. Of this great total not one per cent is of home production, while every pound ought to be grown on our soil.

The fact has long been established that, owing to peculiarities of our soil and climate, beets grown in this country contain from one or two per cent more saccharine matter than those grown in Europe. In the manufacture of beet root sugar circumstances are all in our favor except the one item of labor, but as labor only represents 34 per cent of the cost of production, the difference between its value in this country and in Europe is nearly counterbalanced by the cheapness of our lands and the increased product, so that without taking into account the tariff on sugar, we could nearly compete with French and German producers.

The amount of revenue received by France from the sugar industry is greater than from any other one source. In this respect it is to France what the malt tax is to England. Now possessing advantages superior to France in every particular except cheap labor, it is, we think, impossible to show why this industry should not spring at once into healthy activity, if capitalists would open their eyes to the promise of profit it offers.

Agriculture in China.—The chinamen, who walk over bridges built two thousand years ago, who cultivated the cotton plant centuries before this country was heard of, who fed the silk-worm before King Solomon built his throne, have fifty thousand square miles around Shanghai which are called the Gardens of China, and which have been tilled by countless generations, and are as productive now as ever.

The area is as large as New York and Pennsylvania combined; and is all meadow land raised but a few feet above the river; lakes, rivers, canals—a complete net work of water communication the land under the highest tilth; three crops a year harvested; population so dense that wherever you look, you see men and women in blue pants and blouse, so numerous that you fancy some fair or muster is coming off, and all hands have turned out for a holiday.

Rhubarb Poisonous to Swine.—We have, within two weeks, seen several statements in which swine have been poisoned by the refuse of rhubarb after preparing it for market, consisting of course principally of leaves. In one instance it killed nine Chester Whites. We believe it, and are of the opinion that the whole plant is unwholesome and unfit for food. We said so a dozen years ago, and have seen nothing since to change this opinion.—*Germantown, Pa. Telegraph.*

[Let this matter be investigated by our Medical men.—Ed. Farmer.]

HOW TO SET A HEN.

When a hen begins to brood, put her in a quiet dry, warm place, make her nest on the ground, the size she can comfortably fill, nearly flat at the bottom, and wide enough to allow the eggs to lay side by side. We prefer the nest on the ground, because we think a more even temperature is preserved there. Box nests get too hot and the eggs are killed, if lice are not bred and the hen driven off. We have always found, too, that hens that stole their nest off under some bush, or among the weeds, but always on the ground, were sure to bring off larger and stronger broods than those set in the hen house, no matter how much care was taken to fix things right. So we are only following nature by putting the nests on the ground. It will sometimes happen however, that it is not convenient to make their nests on the ground; in such cases, the next best thing is to line the bottom of the nest with a fresh piece of turf. Cut straw, leaves, or any soft material, may be used for nests. We have adopted the habit of sprinkling in all nests, a few tobacco stems, chipped fine, to keep off the lice. Dry ashes answer the same purpose. Do not fail to set your hen in a quiet place.—No hen likes a noise about her when sitting, nor does she like company either. Too much of either will make her sit badly, and often cause her to break her eggs. If at any time an egg is broken in the nest, remove the shell and wipe off any egg that have become soiled, as the stiff coating that the egg forms when dry, may keep the chicken from breaking the shell.

If you have a hen-house, you will save trouble by separating the setting from the laying nests. The hens coming to lay are sure to annoy those sitting, if the nests are near, and often they persist in laying to sitting hens.

Set your hens where you may, you must feed them regularly once a day with plenty of good food and clean water, besides furnishing a convenient supply of dry ashes, dust or sand for a dust bath. Corn meal mixed with warm water to a stiff dough, and shelled corn, we have found to suit sitting hens.—*Dixie Farmer.*

House Plants—the Secret.—A lady who lives in the country recently showed us a box of flowers which she had brought to a friend in the city, the products of the plants in her own dining room windows. These were geraniums, roses, hyacinths, crocuses, fine variagated leaves of the beautiful Mrs. Pollock geranium, a calla, and other things—all as beautiful as if they came from the florists. There are few private greenhouses that could afford a better cutting than this lady's window-garden. The secret of her success is this she lives in an old fashioned house, built before entries or halls were invented; the room is heated by an open fire place as long as the weather will allow; a stove being put in only when the cold weather requires it, and no gas is burned. Gas and a furnace are very great conveniences, yet we doubt not that this lady's success in floriculture compensate for their absence. Every time the door is opened the air of the room is more or less changed, and the plants are under the very best circumstances that they can be in a dwelling house. Let those who complain of ill luck with house plants make a note of this and imitate the conditions as much as possible.—*American Agriculturist.*

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the articles they have to sell are wanted by those who have delayed till the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, Plants, and all other goods should be advertised *months* in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their gains largely increased by giving attention to this plan and particularly in everything appertaining to Agriculture and Horticulture.

Newsposters and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* is the life of trade."

THE NEW

OATS AND CLOVER.

We have received per last Steamer, a few bushels of these New Grains, pronounced to be very wonderful.

We shall put the Surprise Oats, and the New Brunswick Black Oats up in parcels of PINTS and QUARTS and send them free by Mail at 50 and 25 cts.

The Clover Seed in parcels of ¼ lb for $1 per package.

Orders must come immediately to secure them as we have only a small lot.

Cash must accompany the order. WARREN & CO.
Farmer Office.

To Take Charge of a Place.

A young man with some capital (from $500 to $1000) can hear of a good opportunity to take charge of a new place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

None but a steady and industrious young man need apply.

The applicant must be able and willing to work, and have a love and taste for rural life. To such a person a good chance can be given.

Address G. A. B.
Care of Farmer Office

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

New Advertisements.

LAKE

VINEYARD WINE

COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated Lake and Mound Vineyard Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade-mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,
May 1st, 1869. San Francisco.
31-16

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed.

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the Potato Planter from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near Market,
SAN FRANCISCO,

IMPORTERS

—AND—

JOBBERS

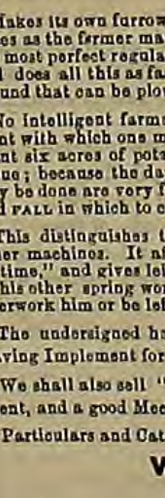
OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools,

ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.



Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMPS.

Patented by J. A. Morrell, October 29th, 1867.

THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.

☞ Agents wanted for this Coast [County Rights for sale.

[30-63m

New Advertisements.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULAR

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all s trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Stand, Cor of California and Battery Sts.,
SAN FRANCISCO.

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato

BUY THE GENUINE FROM

GEO. A. DEITZ

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania

1 Pound Early Rose sent by Mail, postpaid, for
4 Pounds of Early Rose sent by Mail, postpaid, for
4 Pounds of Surprise Oats sent by Mail, postpaid, for
4 Pounds New Brunswick Oats, by Mail, for
4 Pounds of Sweedish Oats by Mail, for
4 Pounds of Yellow Mammoth Corn, by Mail, for
4 Pounds of Yellow Gourd Seed Corn, by Mail, for
4 Pounds best three varieties of Sweet Corn for
4 Pounds of China Tea Spring Wheat, by Mail, for
4 Pounds of Black Sea Spring Wheat, by Mail, for
4 Pounds of Canada Club Spring Wheat, by Mail, for
4 Pounds of Hedgerow Spring Wheat, by Mail, for
4 Pounds of Rio Grande Spring Wheat, by Mail, for
4 Pounds of Scotch Fife Spring Wheat, by Mail, for
4 Pounds of Mammoth Bearded Spring Wheat, for
4 Pounds of Smooth-headed Spring Wheat, for
4 Pounds of White Hominy Corn, for
1 Pounds of Harrison Potatoes, by Mail for
1 Pounds of White Peach Blow Potatoes, by Mail, for
2 Pounds of Italian Grass Seed for
2 Pounds of Orchard Grass Seed, for
2 Pounds of Herd Grass Seed, for
1 Pound of Alsike or Swedish Clover Seed for
2 Pounds of Cow Grass or tall Clover Seed for
4 Pounds of Red Clover Seed for
1 Pound of Egyptian seven-headed Wheat, for
Best Fodder Cutter at Chambersburg, for
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for

☞ Subscribe for the EXPERIMENTAL FARMER. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

☞ All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls are true to name and pure of the kind.

GEO. A. DEITZ
Chambersburg, Pa.

Having received the above Potatoes (The Early Rose) direct from the above House; and, also the Surprise Oats, we invite all who wish these desirable articles, in order to secure them for this Spring *Planting* to call or send to our office at once.

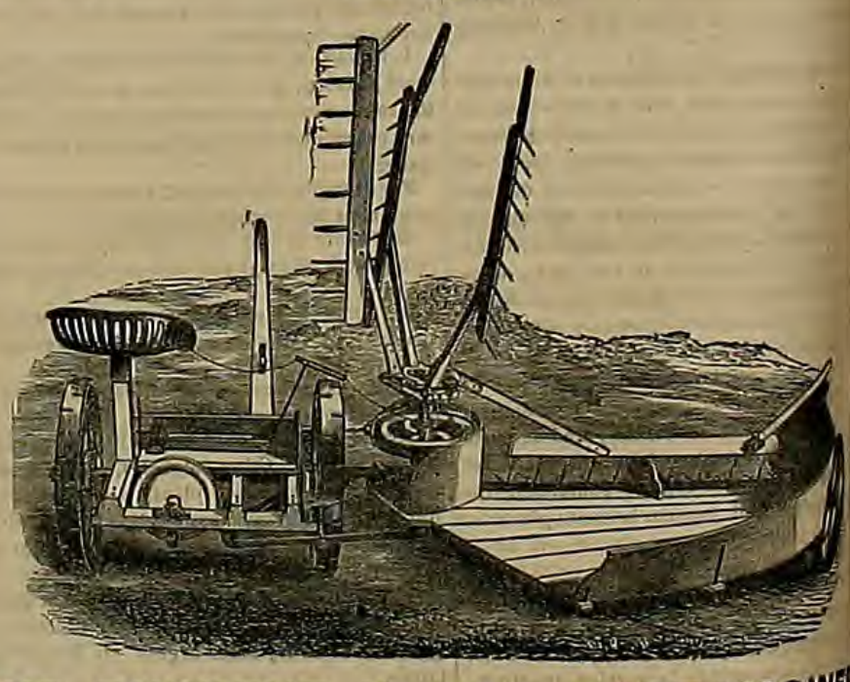
Alsike Clover.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
Farmer Office.

M. C. HAWLEY & CO.,
108 FRONT ST.,
SAN FRANCISCO.

BUCKEYE Mower, Reaper, AND SELF RAKER

NEW YORK.
SAN FRANCISCO.
PORTLAND.



THE BUCKEYE IS THE BEST MOWER

The Buckeye is the Best Reaper.

THE BUCKEYE IS THE BEST SELF-RAKING REAPER

MARCUS C. HAWLEY & CO.

108 & 110 Front St., San Francisco,

SOLE AGENS FOR THE

BUCKEYE MOWER AND REAPER

We offer the BUCKEYE SELF-RAKING REAPER to Farmers with the utmost confidence, knowing that they are Superior to any Self-Raking Reaper yet invented.

A large number were sold last year, and the universal testimony was, that not one man in ten could save as much grain equal to the Buckeye Self-Raker.

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And a COMPLETE STOCK of

Agricultural Implements and Hardware

MARCUS C. HAWLEY & CO.

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Horticulture.

THE VINE IN EUROPE.

OBSERVATIONS BY AN AMERICAN VINE GROWER.

Letter Number One.

HOME ASSOCIATIONS.

a tour through some portions of Eu- car 1868, the subject of the cultiva- ne and its treatment, both in vine- products in vine-making, was to the great interest.

For several years he had at home given this subject much thought and attention, and had plant- ed vineyards of most of the prominent American varieties, and cared for them until they had come into fruit, while he was familiar with the efforts made in various sections of this country to produce still wines, and those of Mr. Longworth, and of the late Mr. Anderson who succeeds him, at Cincinnati, Ohio, and the more recent and highly successful efforts made at Hammondsport, N. Y., by "The Pleasant Wine Company" to make champagne on the French method, and had witnessed at the lat- ter place the details of this work in the hands of the most skillful of Frenchmen, experienced in the practical part of the work by long service in some of the most prominent cellars of France, from which country they had been imported by the pro- moters of that company.

These considerations gave the writer more than ordinary interest in the question abroad, and in traveling through Southern Europe he observed in the different countries the peculiarities of each in their treatment and culture of the vine and their methods of handling the grapes in wine mak- ing, and proposes to give such general views and reminiscences as a hasty look taken by the travel- er would furnish through Switzerland, Italy, the Tyrol, Austria, Prussia, Germany, the Rhine, and France, with such information and facts as came into his possession, and under his notice; and to commence the series by the present article upon the grape

IN SWITZERLAND.

The hillsides on both sides of Lake Neufchatel, in Switzerland, are covered with the vine.

The plants are quite small, and are set very close together, as near as three or four feet, and more frequently the former than the latter distance. The vineyards are usually walled, and the terraces are always faced with stone, laid up in a good strong wall with lime and sand. The soil seemed thin and quite poor. The plants are trained to light sticks, about an inch and a half in diameter, driven into the ground, and the vines never seem more than four or five feet in height.

On Lake Geneva the vineyards present the same appearance, and if the main cane is one or even two inches in thickness it is never seen more than four feet high, and is cut back constantly to that, and becomes a sort of tree or pole standing almost alone, which this slight stake merely steadies rather than supports.

These stone walls, facing terraces and dividing vineyards, are quite common on all the Swiss lakes and throughout Switzerland generally, but are not universal. In many of the vineyards these walls are laid in the most substantial manner, to the height sometimes of seven or eight feet on a par- allel wall, and of durable masonry.

In the higher altitudes among the mountains, as at Sion and the valley of the Rhone below, the vine is cultivated in the same way, and I here inspected the vineyards and cellars more closely.

I saw vines at Sion over one hundred years of age, in good bearing, that were about one and a half inches in diameter, four feet high, cut back to a single stalk without laterals, and were simply a timeless trunk or tree of that size, which nearly stood alone. The crop per vine is light, but per acre is quite heavy, because of the great number of vines. These old vines never crowded each other as ours would have done. They are very small feeders and light growers. The fruit hangs low down and close to the main stem I could on- ly judge of the quality of this fruit by the wine, as I was not in these vineyards in the vintage, and by the test should not consider the fruit good.—The Swiss wines are inferior to the French wines and are made on the German method, which is far behind the French system. As a rule each propri- etor keeps his own wine cellar and the machinery for wine making.

The cellar I visited at Sion was much better than the average of Swiss wine cellars, but I should despair of ever making good wine in it. It was not sufficient depth for uniformity of temper- ature, and generally there was not that cleanliness and sweetness essential and indispensable to suc- cess, and the wine showed all these faults in its flavor. Through the courtesy of Monsieur Antoine de Riedmatten, one of the most prominent citizens of Sion, and who is himself a vineyard proprietor and a gentleman of culture, I had access to the vineyards and cellars at the latter place, and ob- tained much information and detail about vine- yards and wine making. It is usual among the Swiss to put their wines in smaller casks than in Germany. When the wine is one year old the Swiss bore a hole two thirds of the way up to the head of the cask and drink the wine down to this hole, and then renew the cask each year, so that the same cask is never emptied, and, thus renewed, may have been in a family for generations.

The vine throughout Switzerland is planted in the strangest places; on high in the mountains; in nooks in the valleys; on a ledge at the base of a precipice barely wide enough for a chamois to tread, and there trained to the face of the perpen- dicular rock which, warmed by the sun in summer, hastens the ripening of the fruit.

Frequently you will see little patches of vines- yard, one, two or three terraces wide and a dozen vines long on the face of a mountain, on the only spot of arable land on its side, with a narrow path leading by a tortuous and zigzag course to vines, every other part of the face of the mo- tain being perhaps barren rock or precipice ravine.

There is no piece of land so small but the proprietor will face it with a stone wall laid lime and sand, and perhaps eight to twelve high, if by this means he can produce a terra permanent enough for the life of a vine.

THE SWISS WINES.

Switzerland can never be a large exporter wine, as she barely supplies enough for h consumption, and the wine is as generally on tables of all classes here as in every continenta country.

While some white wines are produced, the ma- jor part of the Swiss wines are red.

The best white wines are probably those made in the canton named "Grison," and this is made from a dark red grape.

A fine and luscious white wine is also produced in the "Valais."

In one district in Switzerland, "the Valteline," a superior and generous red wine, is made. The grape is suffered to remain on the vines until, in some seasons, early November.

It is then picked stem by stem and hung up by the stems for two or three months in the large outbuilding to dry. When ready for the wine- press, every decayed berry is removed, and every cluster carefully examined.

The must for fermentation is placed in an open vessel, and the surface skimmed every morning and evening for about twelve days. When the fermentation ceases, it is set by in a close vessel for one year before it is tasted. This is a very remarkable wine, very strong, with considerable body, and it is said that it will keep well for a century.

Wine making in Switzerland, although in no sense equal to the business in Germany, in every respect should be classified with Germany as to its methods and products—as it more resembles the latter country in the character and culture of its vineyards as well as in the handling and treat- ment of its vines.

In speaking of Switzerland I have confined my- self to that part of it lying on the French side of the Alps, leaving the Italian side to be classified with Italy, which it closely resembles.

CLARE BELL.

DISTILLATION.

The origin of this art is extremely obscure. It appears, that when at sea, the Phœnicians used, in extreme cases, to get potable water by boiling that of the sea, and collecting the steam in spon- ges. It is also related, that a monk, of the name of Marcus, who belonging to the suite of St Remi collected the vapor of boiling wine in a piece of flannel, and squeezed it out upon the wounds of the soldiers at the seige of Rheims; with the same liquid mixed with honey, he would make a cordial for the dying, and it seems that the great Clovis himself did not disdain taking it. When alem- bics were discovered is not exactly known; but it is, that in the thirteenth century, Arnaud de Vil leneuve, or Arnaldo Villnovano, professor of medicine at Montpeliar, was the first to improve the rude apparatus then in use for distillation, an art which he seriously studied and promoted. He wrote several volumes on his labors, and states, among other things, that by a chemical process, there may be extracted from wine, a liquid which has neither its color nor its usual effects. This wine water is a water of immortality, since it pro- longs the days of man, dissipates peccant humors, revives the heart and keeps up youth. It cures colic, dropsy, paralysis, etc. Arnaldo died in 1313, leaving his MSS. to his pupil Raymond Lul- le, who became the most celebrated alchemist of the middle ages. He continued his masters re- searches, and soon succeeded in obtaining fire- spirit or alcohol. Having fallen in love with a beautiful maiden, and paid his addresses to her for some time in vain, she at length discovered to him the fact that she was suffering from an in- curable cancer. He was so struck with horror at this, that he entered a monastry, not, however, without directing her to dress the sore with alco bol. The remedy proved of no avail, but this was the first instance of the new liquid's being applied to the healing art. Distillation soon spread, and the wines of the Charentes were subjected to it about the 15th century, but various ordinances and police regulations soon restricted the art to a few priveleged persons. The distillers and vines- gar manufacturers were incorporated by Louis XII it 1514, and invested with the sole right of mak- ing brandy and spirits of wine.—*Paris Galignini.*

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FOR

Melodeons and Reed Organs.

JUST PUBLISHED.

A Comprehensive System of Instruction, and an Improvement on all other Methods for the Simplicity and Progressive character of its STUDIES, EXERCISES, SCALES, VOLUNTARIES, and RECREATIVE PIECES—containing an admirable selection of Choice Pieces of every grade of difficulty, from favorite and popular au- thors thus relieving the tediousness of Studies and Ex- ercises, and making the Method interesting, as well as Instructive to pupils; adopting, in this respect, for Reed Organs the System so successfully carried out for the Piano-Forte in "Richardson's New Method" for the latter Instrument. Arranged expressly for Cabinet, American, Metropolitan, Prince & Co., Cathart & Need- ham, Burdett, Esty, and all other Reed Organs; also for the Melodeon and Harmonian By WILLIAM H. CLARKE, Author of "The American Organ Instructor" Price in Boards, $2 50. Sent post-paid on receipt of price. OLIVER DITSON & CO, Publishers, No. 277 Washington Street, Boston, CHAS. H. DITSON & CO. 711 Broadway, New York, 3118

New Advertisements.

oncern.

The unde[r]sig[ned] ...d of over thirty years, devoted himself to ...e preparation of lubricating compounds; and ha[s] succeeded, both in this country and in Europe, in producing a chemical ar- rangement of materials which has not, up to this time, been either surpassed or equalled, is yet willing to con- cede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufac- turers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar pre- paration before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or up- wards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable team- ster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

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TWO $10 MAPS FOR $1.

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Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand
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VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to con- servatories or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collec- tions of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great induce- ments to purchase of us. WARREN & CO.,
tf *Farmer* Office.

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, An- gelica, Etc.

Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

NEW GRAINS AND GRASSES.

We ask special attention of all persons who have low meadow lands, or Tule lands redeemed, to the New Grains and Grass Seed received by the late steamers.

As these are entire *New Varieties*, never before known here, it would be well to plant small lots in order to se- cure the seed for another year.

To those who can do so advantageously, and to some extent, we *will furnish Seed on liberal terms*. Apply at *Farmer Office.*

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remit tance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All letters, Orders, Parcels, &c., intended for this offic should be addressed WARREN & CO.,
C fornia Farmer Office

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such par- ties will be amply compensated for all trouble and knowledge. Address, B. L. P., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

Miscellaneous.

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FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

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Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them dur- ing the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

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A farm of three thousand Acres of Grazing Lands,

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Of 260 acres, on the mos easo- able terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
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SPLENDID RESIDENCE FOR SALE.

A VERY MAGNIFICENT RESIDENCE, SUR- rounded with the most valuable and choice Ornamental and shade trees, and connected with a large and valu- able heavy bearing Orchard of nearly

FIFTY ACRES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapid- ly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamen- tal and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of these extensive Ochards, should pay the purcha e money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3- EDITOR FARMER.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,

Or GEN. JOSIAH HOWELL, Sacramento City.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recom- mendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Depart- ment of the FARMER OFFICE.

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Those who are planting Gardens, and wish *col- lections* of choice plants, can buy them in quanti- ties at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

PREMIUMS for 1869.

With a hope to enlist a new interest for our Journal and to give to those who co-operate with us a just recompense for their time and labor, we offer the following

Very Liberal Premiums

For the Year 1869,

THE THIRTY FIRST VOLUME,

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SIXTEENTH YEAR

OF THE

"California Farmer,"

We trust the following Premiums will induce those who desire to receive our Journal, and the accompanying New Year's Gifts, to extend to us their generous influence for the Extension of our Circulation, until every family in the Rural Dis- tricts shall have a copy of the

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TERMS OF SUBSCRIPTION:
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By mail, one year,.....$5 00
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To clubs of five, (and extra copy), six for... 25 00
do twenty,..... 75 00
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For every club of five, and $25, Agricultu- ral Books valued at.....6 00

To every club of Ten, and $50, Agricultu- ral Books valued at..... 15 00

For every club of Twenty, and $100, Agri- cultural Books valued at 30 00

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Thus securing to a Farmer, or a Farmer's Club, the nucleus of a good Library—The Books to be at our lowest advertised Gold prices.

Every Farming District in our State could by co-operating with us secure a large and valua- ble Library, without any other cost save a little labor and co-operation to extend the FARMER'S circulation.

To any Lady who will secure us Ten subscribers, and $50, we will send Magazines or Floral Books to the value of $15 00

For Twenty subscribers, and $100, we will send Books and Magazines, or a Sewing Machine valued at 35 00

For a club of Forty, and $200, we will send a "Howe," or a "Florence" Sewing Machine valued at 65 00

Each and every Premium to be at regular Gold Prices, and the Premium to be selected by the winner.

We hope these offers will be so appreciated that we shall have the earnest co-operation of many friends, and to all who shall interest them- selves we shall be ready to fully renumerate their kindness.

Sample copies will be sent, when desired, to those who wish to canvass among their friends.

Address COL. WARREN, Editor.
or WARREN & CO., Publishers

IMPORTANT TO NURSERYMEN, GAR DENERS, AND AMATEUR FLORISTS

We beg to announce the arrival of the choicest and best assorted collection of

RARE SEEDS,

ever received on this coast. They have been selected with the greatest care, from the first houses in Europe, and are comprised of

EVERGREEN, AND DECIDUOUS TREES AND SHRUBS, RARE AND BEAUTIFUL PERENIALS, BIENNIALS, ANNUALS, ETC.;

also, new and choice Vegetables; the assortment is worthy the attention of all who admire the beautiful; and also the particular attention of gardeners who are anxious to secure something rare and new in the Vege- table kingdom.

We shall send them out in small parcels or individual packets, so that many may have the chance of securing the collection. Orders executed in rotation, and care- fully packed for mailing any distance.

Persons remitting us five dollars, will have collections of seeds sent them, worth intrinsically double the amount.

WARREN & CO.,
FARMER OFFICE, 320 *Clay St.*, San Francisco.

Jebb's Patent Churn.

The admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

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Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....JUNE 10, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street.—Marble Building.—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER Office are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are open file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

We have recieved from the author, a volume with speeches of Hon. Wm. Sprague in the Senate of the United States, upon National Affairs, his speeches upon "The Financial condition of the Country," "The Civil Tenure Act," The National Currency," and "The Tax Bill," all vital subjects of interest to the Nation, and presenting important truths, worthy of a careful reading and which we shall use.

We acknowledge the volume of the "Transactions of the Rhode Island Society, for the Encouragment of Domestic Industry, for 1868.

This Report contains many valuable statistical reports, which, with the doings of this interesting Society, forms a series of facts of much importance.

We return thanks for the volume, and shall avail ourselves of the privelege of copying from its pages.

Reform League.—We have the pamphlet of this league, on Revenue and Financial Reform, giving preamble and resolutions for action of the league.

We have received No. 1 Vol. 1, Inventors and Manufacturers Journal, published at Cincinnati, Ohio—C. A. Scott & Co., publishers.

Whitbeck's Exposition Reader.—We are in receipt of this work regularly,

Recieved Photographic Advocate for April by J. E. Munson New York; an interesting work.

Seed Catalogue.—We have Thorburn & Co's., New Seed Catalogue, of N. Y.

John Vanderbilt & Brothers New Trade list Catalogue also recieved.

Whitlocks Exposition Record.—We have the number for June and with it many valuable reports.

We have recieved the Fourteenth Annual Report of the "Odd Fellows Library Association," this Report furnishes the List of Officers of the Association; By Laws and a full statement of the condition of the Institution.

This Association shows by their Report, a very prosperous condition. The Library now numbers 16,788 volumes, the property of the institution valued at $43,092.12, being an increase in value for the past year of over $7,000.—We are pleased to record so very favorably of this Noble Institution.

We return thanks to the proprietor of the "Merchants Reading Room," for their courtesy in sending us liberal files of papers, from the Islands and elsewhere.

We call attention of all *Parents* to the several Essays in our Home Department, they are worthy *serious attention.*

Vine Growers.—Will find the Letter on Vine and Wine Making, by *Clark Bell*, to be deserving a careful reading, many things there we know will be new to them.

NEW AND SPLENDID FURNITURE.—We would call attention to the Furniture Warehouse of Messrs. N. P. Cole & Co., who are now opening New Patterns of Rich and Beautiful Furniture worthy the attention of all purchasers.

Messrs N. P. Cole & Co., have one of the largest and most select stock of Rich Furnitire on this Coast.

THE BEE-KEEPERS' JOURNAL,

And Agricultural Repository.

A large and handsome monthly, at $1 a year. Specimen copies sent free. Edited by Homar A. King, and Ellen S. Tupper; the former, author of "The Bee-Keepers' Text Book, (Which has reached its eighth edition, having run 7 editions of 16,000 copies in two years,) and the latter Iowa's noted writer on Bee-culture. A specimen copy with liberal premium offers and "Hints to Bee-keepers" sent free. Write now and not forget it. Address

H. A. KING & CO., Nevada, Ohio.

Until Sept. 1, 1869, and thereafter in New York City.

31-19

SHIPPING CALIFORNIA FRUIT EAST.

It is well known to our old and permanent readers, that for several years This Journal has urged upon our Orchardists, to make preparation for growing particular kinds of choice fruit, for the special purpose of sending East over the Pacific Rail Road; this journal has also presented the plan of *Refrigerator Cars* a long time since, and named the plan of operation for a success in this business, it should not be undertaken however at random or by persons ignorant of the kind of fruit appropriate for such an enterprise, because that would be sure to end in loss.

To make such an enterprise a complete success, there should be Partners at each end of the line; a *shipping* partner here and *selling* partner there, and a *Capital* of $8 to $10,000 in cash to work with, for losses would accrue occasionally, and these should not discourage for they must arise from various causes; but with good capital and intelligence, and constant and continued attention for a few years, a Fortune can be made.

It is expected in the Eastern States that Californians will do this business exclusively, as they think we know our season and fruits best.

We clip the following on this subject, from the Cheyenne Leader of may 13:

"Now that the Pacific Railroad is completed, we may look for California Grapes, Peaches' Apricots, and Nectarines in July, instead of waiting two months later for Eastern fruits. These fruits are not only two months earlier than those of the Eastern States, but, so far as the grapes, nectarines and apricots are concerned, they are two hundred per cent. better; and are considerably cheaper. Grapes for instance, are the most expensive of Eastern fruits, while they are the cheapest products in California. Fresh figs also, that connot be had in the East at any price, can be obtained from California—although they are a very perishable commodity. There could be no better paying business during the coming Summer than an agency or Depot for the sale of California fruits."

INSURE YOUR STANDING GRAIN.

Now is the time to make sure and save your Crops, the present and the next month surrounds our Farmers with great danger, from loss of ripened grain in the fields, which is now exposed to many perils

A few days since, we learn, that about 175 acres of standing grain near Vacaville, on the ranch of Cannon and Staples, and also 10 acres on another ranch together with a large quantity of Hay, was was destroyed by fire; we suppose by the sparks from a locomotive.

Whatever may be the cause, the danger now is imineut, and every careful Farmer should guard against such dangers.

We would again urge them to seek safety by a Policy of Insurance, which can be effected with the Pacific Insurance Co., of our city on fair terms.

The Agents of the Pacific Insurance Co., in all the counties, wil furnish plans of safety, and it is to be regretted that anyone should remain, and be exposed to ruin almost, while precaution is safety.

OUR TAX PAYERS.

Our Daily papers are now presenting the list of our RICH MEN; those who pay "Big Taxes," and show heavy incomes from $1,000 to $100,000 each.

We see also that St. Louis Mo., shows some *Rich Men*, also some whose Annual Income rank as high as Half a Million Dollars.

We notice some curious facts in these lists; some men that we supposed were *very rich*, only reader in $20,000 and others we did not suppose *very* rich, stand higher upon the list; but we suppose there will always be a mystery about the wealthy.

We think that the *Toy Business* and *Piano Trade* must be very good, if it will enable Mr. Kohler to show a larger income than the ruling spirits of the *Bank of California*, for in the list we see that W. C. Ralston Esq., rates $20,000 income, while the Toy Shop Man, Mr. Kohler, rates $30,000. The "Doll Trade," must be good; who would not sell dolls if they could rate $30,000 income annually?—But we suppose our Tax Books would show that the Prince of Bankers had been clipped of a *cipher* in the data—and it should read, not $20,000, but $200,000—but never mind, who wouldn't sell Dolls? and who wouldn't be a Banker?

WHITE PINE.

We see in our streets, the sure evidences of the richness of the Silver district of White Pine, but however great may be its resources, there will be many persons *seek* but they will not find it.

We hope soon to lay before our readers, some interesting letters from thence, from one who is a resident there for a time, but at present not able to write.

In a letter just recieved relative to other business, the writer says in closing his letter.

"This is an *awful climate*, the *Excitement* is *dead*, but real developing, and results are bringing out the *real silver*. Imeet many Old Californians here. Will write soon as able."

Thus we see the work in earnest has began, and speculation and false excitement is done; this is well and it would have been better if excitements of some kind had never been known there.

We have no doubt but that there will yet be a revealment of rich treasures, surpassing all yet known in White Pine.

DEATH.

Death has no terrors ever for me!
Beyond a beautiful arch, I see
My Father! saying, Welcome to thee.

There has been a very great wrong done by Parents, in creating or allowing a wrong impression to be made on the young minds of their children, respecting Death.

"The King of Terrors," "a Leap in the Dark,' and the "Grave, to a Bourne whence no Traveler returns." these "Old sayings" are impressed so strong on the minds of children and youth, that even in their maturer years, young men and maidens are afraid to pass a Graveyard or see a coffin, without fear and alarm, and numerous signs are told that forebode Death; the conversation too, of parents about Death, are often of that nature as to inspire a *dread of Death*, which, besides the injury done to the nervous system, leads to very wrong impressions that often are of serious import to them in after life, mentally, morally and spiritually.

The Blessed Saviour said: I go to MY FATHER, I go to *prepare a place* for you. and I will come again and bring you.

Why should we fear Death? We most assuredly know *we must all die*, we must all take this long Journey, then why fear?

In all the ordinary Journies of life, we make due preparation for them, *we inquire the way*, we procure maps and charts of the route, we learn all the particulars, carefully noting everything, and we *prepare ourselves for it.*

Why then should we not prepare for *this Journey.*

We are going to OUR FATHERS HOUSE. Why should we fear? Rather we should rejoice that we are making *Ready to go Home* to that "Mansion not made with hands Eternal in the Heavens."

Death is a *sweet release*; should not this, rather be the thought of the "Traveller here below," than that "Death is the King of Terrors?" There has been a great wrong done in the world, by the Education of children on this subject, and it is time the evil done should be corrected.

Ministers of the Gospel should teach the true doctrine of this *Journey Home*, and our Medical Men should also awaken a true spirit of inquiry about the *the House we Live in.* Medical Men are not the builders of all these houses, but to them the people go that *repairs* may be made; but alas! they too often pull down and destroy the tenement they are called upon to save, and this arises from the fact of their ignorance of that *Temple of the Spirit*, which has been entrusted to their care for a season.

It is time that our Ministers of the Gospel, our Medical men, Parents, and all intelligent minds should *seek truth* and *preach truth* upon this subject, and make this journey we must all take, one of Hope and Faith of a brighter and better life.

Death has been at work recently in our city among the Old and the Young. Many of the Early Pioneers of our State have entered upon that *Journey Home* and the last week *nearly one-half the deaths* in our city was the *Little Ones*, under five years of age, these have all "Gone Home."

Let us then more truly view this matter of Death this departure from the *Clay Tabernacle* to a brighter land, and thus viewing it rob Death of those terrors which a false Education; both Social and Religious, has too long attached to it.

Most truly has that noble bard spoken upon this subject, we read in "Young Night Thoughts" the following:

Death is the "Crown of Life."

Were death denied, poor man would live in vain,
Death wounds to cure; we fall, we rise, we reign;
Spring from the fetters, fasten to the skies,
Where blooming Eden withers from our sight.
This *King of Terrors* is the PRINCE OF PEACE.

NO ENEMIES.

A man without enemies is a man without friends, is an old and true saying. The *good fellow* who never gives offence never accomplishes much.

A writer on this subject thus speaks:

"Heaven help the man who imagines he can dodge enemies by trying to please everybody. If such a gentleman ever succeeded we should be glad of it—not that we believe in a man going through the world trying to find beams to knock and thump his poor head against, disputing every man's opinion, fighting and elbowing and crowding all who differ from him. That, again, is another extreme. Other people have a right to opinions, so have you; don't fall into the error of supposing they will respect you less for maintaining them, or respect you more for turning your coat every day to match the color of theirs. Wear your own colors in spite of wind or weather, sunshine or storm. It costs the vascillating and irresolute ten times the trouble to wind, and shuffle, and twist, that it does honest, manly independence to stand its ground."

A man without enemies may truly be called an "old fogy," a do nothing. A writer speaking of a class of *plodders*, says:

"They are laughed at by the world, and generally live long enough to laugh, if they will, at the fools who pass judgement upon them. Plodders are philosophers. They anchor on the rocks of ages. They seek the good, true, and substantial, and never miss it. They select with caution, but hold on with courage. If there is merit, they discover and develop it. All honor to the plodder. He may not be the sun that shines but is that which warms, nourishes, builds up.

Gypsum.—Our readers will see that we have occupied a large space in this number to this very important Fertilizer, by a valuable Essay which we found in the Carolina Farmer. In the South and in all dry and hot climates, Gypsum will be found invaluable, and as much of the long cultivated soil in this State needs new life, this article is just what is wanted, and we can most earnestly commend it to the Farmers of California. We hope the Essay on Gypsum on our first page will be carefully read.

THE FOURTH OF JULY.

We are glad to notice that preparations are being made to pay the proper observation to the day, that secured the Independence of our Nation.

We sincerely trust that in celebrating the day, all Political, Sectarian and Partizan feelings will be laid down at the Altar of Liberty and Equal Rights, and that all persons will feel that the Love of Country, and the full enjoyment of the Liberties which such a country as ours offers, should crush out, at least for that day, every selfish or intolerant feeling, and thus let all enjoy the day to the utmost.

BATTLE OF BUNKER HILL.

While the preparations are being made to celebrate the Glorious Fourth of July, our *National day for a Jubilee*, should we not all remember the day that *ushered in that Glorious event.*

There can be no doubt but that the Battle of Bunker Hill, and the blood poured out that day in behalf of Liberty, was the *Baptismal waters* that gave life to the Infant Child of Freedom, for that day's sacrifice and that day's martyrdom, sealed the event and hastened on the work which was crowned with success on the *Fourth of July*, immediately after, and we hope this day, also, shall be remembered and observed in a due manner, as one of the days sacred to the cause of Liberty and Freedom.

PREMIUMS AT FAIRS.

We are glad to notice that at many of the Agricultural and at Mechanical and Industrial Fairs the present year, the managers propose to give Services of Plate, Pitchers, Goblets and Premiums o lesser value, also Books, Newspapers, etc., these for the Premiums instead of money.

This is a wise plan, and one we have always advocated as more likely to do away with much of that selfishness, so manifest always at our fairs, in the effort to obtain the *First Premiums.*

We feel confident that if suitable and *liberal Premiums* were offered in season, for each and all departments much good would be the result.

The winners of handsome Plate Premiums, would value them and preserve them in the family, but money Premiums are not esteemed, but quickly spent and with it the interest in the exibition

We hope the present year in *California*, that this plan will be generally adopted of giving Plate Premiums, and now that we have our own Silver Manufactory, they should be patronized, and in this connection we invite attention to the Silver Manufacturers of our city, Vanderslice & Co., whose manufactures are esteemed equal to any made in the United States.

THE PALACE CARS.

Much has been said of the splendid Coaches or Palace Cars of the Pacific Railroad, which were prepared for the occasion of the trip of Chas. Crocker Esq., his family and friends on their recent trip East.—The Cheyenne Leader of the May 27th says:

"This morning's passenger train was belated some four or five hours. When it did come, however, it came crowded, as usual with through passengers. Attached to the regular Union Pacific train were two splendid coaches from the Central Pacific. The two last mentioned cars are built of California laurel wood, skilfully and tastefully put together, and were occupied by Charles Crocker, Superintendent of the Central Pacific railroad; H. S. Crocker, of the firm of Crocker & Co.; Henry Miller of the firm of D. O. Mills & Co., and Dr. R. H. McDonald, accompanied by Mrs. Charles Crocker, Mrs. B. R. Crocker, and two children, all of whom were en route to the East on a visit of pleasure and business. These cars are perfect in all their interior arrangements. Meals are served on board. One of the cars is simply a splendid saloon, the carpeting and upholstery of which are suggestive of luxury and comfort to the inmates. Closets are provided for the safe carriage of china, glass and silverware. In both cars we noticed heaps of California flowers, rich ripe cherries, enough to make one's mouth twist entirely out of shape, trying to subdue its own passion for "goodies" like these, and we felt onrself breathing the aroma and fragrance of the Golden State, and yet a thousand miles from its nearest edge. We return the party our heartiest thanks for a present of fresh roses and a handful of cherries. May their journey be unattended by care or accidents."

IMPROVEMENTS AT CALISTOGA.—The steady, important and valuable improvements that are constantly being made at the Calistoga Watering Place, in the grounds, and the beautifying the same is constantly adding to the attractions of the place, this induces to a constant and increasing attention thither.

Calistoga has become the SARATOGA of New York and the NEWPORT of Rhode Island: it will be one of the principle points of interest to visitors to our State, via. Pacific Rail Road.

Mr. Brannan is constantly adding improvements both ornamental and practically important, to make it a place of business as well as a place of pleasure and a healthful resort.

The Williamette *Farmer*, Oregon, says:

We have had refreshing showers of rain during the past week. Crops and gardens will be greatly benefitted by it.

OBITUARY.

"Suffer little children to come unto Me and forbid them not, for of such is the Kingdom of Heaven."

How beautiful is this thought as we associate with Heaven, a place where little children shall gather in countless millions, there in their innocence, their mirthfulness, and their young gushing affections to be permitted to live and act out that is pure and lovely.

Of *little children* the Blessed Saviour has also said, "Unless ye become as *little children*, ye shall in no wise *enter the Kingdom of Heaven.*"

It is undoubtedly to be understood, that unless we become *pure* and *sinless*-like *little* children, before they have become corrupted by the contact with *older* children, (for we are *all* children of our Father,) that is meant by this teaching; for little children are types of Heaven before the beauty face of these types are worn off by corruptions of the world. Then how beautiful must *Heaven* be where these *Types of Humanity* have been tried in the purifying furnace of the perfect Love of Heaven.

We have *to-day* been standing beside the form of a *little child* robed in its *Bridal* grave clothes to fit it for the journey of its body to the Tomb. Its little spirit took wing *two days ago* in brighter Robes than even the most loving hands of devotion could prepare.

Before the Robes for Earth were given,
In Angel Robes he'd fled to Heaven.
Friends gather'd round, a weeping crowd,
They see his *Body* in his shroud;
But joy! his Spirit has gone before,
And now he's safe on the Heavenly shore.

As we stood beside the little coffin, the abiding place of the clay of which the body was made, as we saw the closed eye and felt the cold brow, we waited, but we could not hear the sweet voice that we had so often heard calling *Papa, Mamma*, and *Grandpa!* That little voice is not lost but only stilled to our *earthly hearing; it is hearing, it is calling*, though we hear it not. And the stricken Parents, and Grand Parents, and little Sister, and other kindred, and its little playmates, stand beside the little coffin that now holds all that is left of *Little James*, however sad, however hard it must seem to be, to part with dear and loved children, Tears and Lamentations cannot now bring back the loved one passed away, *he cannot come to us, but we must go to him.*

We read upon the coffin lid these words:

JAMES M. M. WHITE:
DIED JUNE 8, 1869,
AGED 3 YEARS, 11 MONTHS AND 2 DAYS.

Passed away—gone before—Dead. While words of comfort in the hour of sorrow like that of a *Parent* laying away their *first born* in the Tomb, always the spontaneous offering of every feeling heart, Alas! how few that speak can realize that sympathy so needed in an hour of trial like this; it is only those who have *suffered* the loss that can truly feel what a Parent's heart called upon to endure.

We can sympathize with the afflicted, for we have been called *twice* to see our own loved ones in their little shrouds, and these sad and afflicting occasions to us were of a nature to try the heart. *We* saw our own *first-born* brought from the cold waters of the river, still in Death, and *our own* "Little James," with his skates upon his feet—speaks to us now; and as we read the name of *James* upon the coffin-lid of this little *asleep* in his *shroud*, the wound of long past years is opened afresh, so that *we can* offer sympathy as we do now most deeply, to those heavily afflicted Parents.

We can say to them:

Weep not, fond Parents, weep no more,
Little James has only *gone before;*
His sufferings ended, his pains are gone,
And now he is safe in his Heavenly Home.
You can look on his *face* and touch his cold form,
But he *sleeps* and cannot *speak* to you now;
When he wakes he will stand on the Heavenly shore,
And tell you he cannot come to you more.
Look! look! Mother, *cross the river* and see
Little James says *Mother*, come over to me.
Come! Father, come! here on Golden wings
Little James in his white robes an angel shines.
Then weep no more, Parents, to you it is given
To meet your loved child at the gateway of Heaven.
Be resigned to God's will, and dry up each tear,
Little James now in Heaven stands waiting there.

TO THE MEMBERS AND FRIENDS
OF THE
Mercantile Library Association

The very heavy expense attending the Removal and Furnishing the New Library Building has much embarrassed and is seriously impairing the usefulness of the Association, and we find ourselves really in very great need.

Will every one who feels at all grateful for the comfort and benefits furnished by the Association make some personal effort to render the heavy debt weighing upon us less burdensome?

The most practical and best means of doing this, is by increasing the number of Subscribing Members, thereby increasing our source of revenue and extending the benefits of the Library to a larger number than at present.

Every one has it in his power to do something for the general prosperity.

You owe the Library something more than initiation fees and quarterly dues, and as an annual appeal is made to each and every member to do so. Get at least, one new member; many may do much more, but be sure that you at least do that.

By order of the Board of Trustees,

THOMAS R. HAYES, Rec'g Sec'y.

San Francisco, June 8th, 1869.

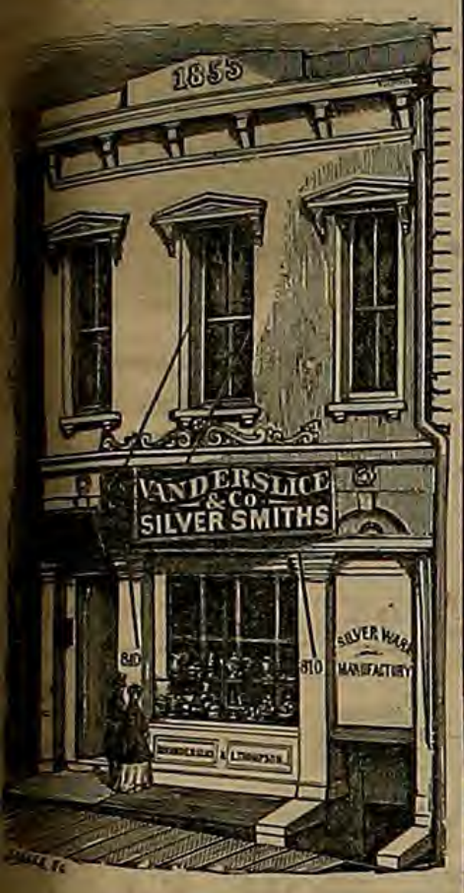
[We received the above Circular by mail, and cheerfully give it in our Columns, and would call the Public to a prompt and generous aid to this truly deserving, worthy, and Noble Institution. ED. FARMER.]

Our Agriculturists will find a word for the Beet Root Sugar, from one of our Exchanges.

New Advertisements.

W. K. VANDERSLICE. L. THOMPSON.

SILVERWARE MANUFACTORY.



We offer every kind and variety of Silverware of our own make, or made to order for purchasers.

We have demonstrated that we can easily compete with Eastern or European manufacturers, and those wishing to purchase Silverware, if they will call on us, we will convince them it is so, and that they can purchase of us A BETTER ARTICLE and at LESS PRICE than the Imported Wares.

Orders by Express promptly attended to, and at as low prices as could be obtained if ordered personally.

Manufactory and Salesroom,

No. 810 MONTGOMERY STREET,

JUST ABOVE JACKSON.

☞ Goods sold at RETAIL as well as Wholesale.

W. K. VANDERSLICE & CO.

31-19

THE

AMERICAN

SUBMERGED PUMP

THE ONLY PUMP COMPOSED OF ALL METAL, no Rubber or Leather packing. For ease of working, great power in forcing, with hose, constitutes these for Irrigation, or as a Fire Engine, the greatest Invention now in use in the way of Pumps.

They are on practical exhibition at the Company's Warehouse.

Farmers wanting a Pump, and who cannot come and see their operation, will be sent a Circular giving full particulars of their great advantages by addressing the

Pacific Pump Manufacturing Co.,

Nos. 211 and 213 California St.,

31-19 SAN FRANCISCO.

New Advertisements.

TO THE PUBLIC!!!

THE

SAN FRANCISCO

PACKAGE EXPRESS COMPANY.

CAPITAL.....$100,000

IS ORGANIZED FOR THE PURPOSE OF CARRYing Passengers, Baggage, Packages, and Parcels from the different Railroad and Steamboat Lines, and delivering the same to any part of the City.

To our friends from the Country this system presents itself for their consideration. They can give their checks, etc. to our Messengers on the Cars and Boats and feel perfectly sure that all will be safely and promptly delivered, thus saving any trouble with Hackmen or Job Wagons.

The Street Cars run from all Depots to the different Hotels.

Fruit or other Freight consigned to our care will be promptly delivered, and Freight Bills paid.

Mark Care of

"S. F. Package Express Company,"

Commissions for the purchase of goods in this City especially solicited, and articles forwarded as directed.

This Company commends itself to the General Public. The same system has been long in operation in Eastern Cities with great success.

GENERAL OFFICES:

222 Montgomery St., opposite Russ House,

AND

211 and 213 California St., near Battery.

D. V. B. HENARIE, Pres.,

T. A. MUDGE, Secy and Treas.,

H. B. MURRAY, Supt.

31-19

GYPSUM. (Sulphate of Lime.)

This well known but most wonderful fertilizer has not yet been practically introduced into the Agricultural interests or before the minds of our California cultivators, for the reason that there was no supply, and because it was hard to make them believe our lands needed manuring.

The time, however, has arrived when, by the admitted fact of the deterioration of our soil and the lessening of crops, something must be done to restore the soil and bring it into that state of fertility necessary to make it profitable to cultivate the soil.

Gypsum is a compound of Sulphuric Acid and Lime, and the object of this fertilizer is the fixing of Ammonia, thus making it the direct food of plants, either by supplying the Sulphate of Lime or by its decomposition, affording the Sulphur so necessary to the due development of certain plants.

Sprengel's Analyses shows the quantity of Lime and Magnesia, Sulphuric and Phosphoric Acids to be very large in the following plants, and for these this fertilizer has no superior:

Wheat, Barley, Oats, Potatoes, Cabbage, Swedish Turnips, Clover, Beets, Turnips, and root crops generally; thus ensuring to a certainty its great importance to the Farmers.

Liebig's Natural Laws of Husbandry gives conclusive proofs of its superiority as a fertilizer on Clover and Grasses, furnishing details of experiments made by distinguished men in various parts of Europe.

According to the experiments made by Buckholtz, Gypsum is composed of *thirty-three* parts of Lime, *forty-three* of Sulphuric Acid, and *twenty-four* of the water of crystalization.

Gypsum is often called Plaster of Paris, but this is wrong—it only takes that name and character when it has been deprived of its water of crystalizates by fire; there it becomes *Calcined Gypsum* or Plaster.

Gypsum for Dry Countries like California, will prove immensely valuable, as when used as a fertilizer in our hot and dry soil, its waters of crystalization are seperated by means of our hot climate and go at once to benefit the plants, while the Acids and Sulphate of Lime is taken up by the soil, enriching it to a very great degree.

The undersigned is now prepared to furnish this valuable fertilizer by the quantity to all who desire to try its well attested virtues.

CHAS. J. JANSON,

222 BATTERY STREET.

31-19

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have *"Tule lands,"* for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

New Advertisements.

JUST ARRIVED!

HALL'S IMPROVED

STEAM

THRESHING MACHINES

Having a Shoe with Seive 48 inches long, and the large Iron Planet or Smith Horse Power.

ALSO,

Indianopolis STEAM ENGINES,

Made by Sinker & Co.,

TOGETHER WITH

PORTABLE STEAM ENGINES,

Expressly for Threshing.

PATENT SELF-OILERS

For Cylinders and other bearings, warranted to save one-half the oil formerly used and have the bearings always lubricated.

MACHINERY OIL AND AXLE GREASE, Warranted not to gum.

Mowers, Reapers, Headers, Etc.,

On hand and made to order, Grain Carriers or Drapers for all the different Machines, Header Belts or Drapers, Seives or Riddles, Screens, etc.

Extras of all descriptions constantly on hand

JOHNSON'S UNION

Washing Machine and Wringer,

The Best in use.

WM. LYNE,

115 and 117 Davis Street,

Between Sacramento and California,

SAN FRANCISCO.

31-19

ORNAMENTAL TREES.

The Oregon Fir Tree Association.

We are now prepared to Ship to all parts of the country, all the handsome varieties of the Fir Tree that so abound in Oregon. The trade of the Association is at present promising much greater success, especially on the Pacific Coast, than they have formerly anticipated. The nurseries of California do not seem to have adopted the Oregon Fir, only as we have recently taken some of their orders from them.

We find them to possess an attraction as an ornamental tree rarely equaled. The Yellow Pine and the Balsam Fir are the most popular varieties; the Yellow Pine the most hardy—thriving in almost any soil or climate. Our trade with the East is promising; our trees have arrived there in good condition and are growing.

The Association is prepared to supply a large demand for Trees, from six inches to four feet in length, but we cannot fill orders for any more than four feet.

Efficient Agents wanted in all parts of the country, to whom we will extend the most promising advantages. We shall be glad to receive a communication from any one who might desire such an agency, on the most paying terms, or from any one who may desire our Trees.

Orders for Trees to be set in the fall should reach us as early as October, and those for the spring supply as early as February.

We Ship none but perfect and healthy Trees.

All communications should be addressed:

REV. C. W. TODD,

Oregon City, Oregon.

To Hay-Makers!

The Great Stacking Fork.

WE OFFER TO THE HAY-MAKERS OF THE PACIFIC Coast, the Celebrated

HARPOON HAY STACKING FORK

One of the best inventions of the age. With this Fork, A Great Saving of Time, Strength, Labor and Expense is made, as it is indeed a very valuable and important implement, both to Hay Makers and Grain Growers. This machine is used to load and unload Hay or Grain Waggons to Barn or Stacks, and is very extensively used at the East.

We have received a few of these Implements which can be seen at our Office. Having more on the way, we are prepared to take orders for them in quantities to suit the trade, as we have the Agency for the sale of them for the Pacific Coast.

Sample Implements, and all Particulars at our Office.

WARREN & CO.,

"Farmer Office," 320 Clay Street, up stairs.

CAST-STEEL DAIRY KNIVES

WE HAVE RECEIVED INVOICES OF THE CELEBRATED

Cast-Steel Dairy Knives,

Manufactured by D. G. Young of New York. We have them of all sizes, from those of FOUR BLADES to cut FIFTEEN INCHES, up to THIRTEEN BLADES to cut TWENTY INCHES.

These Knives are of very great advantage to Dairymen, and are worthy their attention.

For sale by WARREN & CO.,

"Farmer Office," 320 Clay Street, up stairs.

SUPERIOR MELON SEED

FOR LATE PLANTING.

We have just received from New York, a small Invoice of *Superior Melon Seeds*, of the following kinds for late planting.

PURE ICE CREAM MELON,

TRUE NETTED CANTALOUPE,

LONG GOLDEN MUSK MELON,

GREEN FLESH MELON.

Now is the time to plant Melons on our river-band lands, and on all alluvial soils; planted now, they spring into bearing quickly.

For sale at FARMER OFFICE, 320 Clay St., up stairs.

New Advertisements.

TO THE FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

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Home Miscellany.

YOUR HOME.

Be true to yourself at the start, young man,
Be true to yourself and God;
Ere you build your house mark well the spot,
Test well the ground, and build not
On the sand or the shaking sod.

Dig, dig the foundation deep, young man,
Plant firmly the outer wall;
Let the props be strong and the roof be high,
Like an open turret toward the sky,
Through which heavenly dews may fall.

Let this be the room of the soul, young man—
When shadows shall herald care;
A chamber with never a roof or thatch
To hinder the light—or door or latch
To shut in the spirit's prayer!

Build slow and sure; 'tis for life, young man,
A life that outlives the breath;
For who shall gainsay the Holy Word?
"Their works do follow them," saith the Lord,
"Therein there is no death."

Build deep, and high, and broad, young man,
As the needful case demands;
Let your title deeds be clear and bright
Till you enter your claim to the Lord of Light,
For the "House not made with hands."

IS IT A WHIPPING THEY NEED.

BY MRS. J. E. FOOTE.

All the beautiful book theories as to the best methods governing children fade into utter insignificance, when tested by the daily, actual experience of mothers. It is wonderful to observe how differently children of the same family require to be managed. What is good and wise restraint for one, appears to be the worst course possible for another.

"We hardly know how to manage our little boy," said the wife of a young clergyman, in a sad tone. "We try always to be decided with him, and endeavor to secure implicit obedience, but, really, it seems to do little good. We conquer him at the time; but *it don't last*. He will do the same thing the next day—or the very next hour, perhaps."

"I can sympathize with you," said Mrs. J., "for we have had very much the same trouble. I see now, better than when I had but one, how it is.—*Children are not all alike.*

I never saw a more obedient child than our oldest. His father and myself, each, had a 'little tussle' with him, before he was three years old.—He did not hold out long in either case; but I shed many bitter tears over it that night, to think it had been necessary to correct my darling baby. It was the first exhibition of real stubbornness he had ever shown, and I feared, perhaps, I had done wrong in noticing it at all.

But that was a final *victory*, for never since, though now seven years old, has he refused to obey. If he does wrong and grieves me, I have only to tell him of it, and he will say at once, 'Don't feel bad, mamma, I *am sorry*,' and is not likely to repeat the offence.

My 'rules' were all laid down in regard to the government of children, before his birth. With much thought and prayer I put my theory into practice; and, with God's blessing, it worked well. I really looked with pity, not unmingled with pride at my own success, upon the mothers who found it difficult to secure obedience.

When our second child came, to add to our happiness, demanding its portion of love and care, I don't know that I had a doubt but that we should, by the same methods, succeed in having another *'almost perfect child.'* To our surprise, however, our carefully studied plan of discipline didn't work at all, with the youngest. The little thing seemed to think it quite necessary that she should *conquer us*, instead of *our conquering* her.

For some time we always corrected her, and often quite severely, until she would yield obedience; but at last we became satisfied that we were doing wrong. *Love* is now doing what the rod could not. We were *cultivating*, rather than subduing, an obstinate disposition in the joyous, but very loving little one, committed to our care. And now we have made up our minds until she is old enough to be reasoned with, we will avoid, as much as possible, the use of the rod, and all occasion for controversy."

As nearly as I can recall it, the above was the conversation of two pious mothers—and good mothers they were too. Their experience was not unlike that of many others, perhaps, who still fail to see where the trouble lay.

All unnecessary commands, for the purpose of seeing "that a child is thoroughly conquered," we believe are hurtful, and calculated to foster a willful spirit, rather than to correct it.

With many dispositions it is very desirable to avoid, as much as possible, a commanding tone, when wishing any service from a child. "Does Mary wish to help mamma?" or, "Be so kind as to do this for me, Johnnie," usually goes a long way further toward securing prompt obedience, than "Go do this or that," as if they were little slaves, rather than part and parcel of our own being.—Most children will do your bidding for *love* far more readily than from any amount of reproof or punishment.

Is it not possible that we often make sad mistakes, and fancy our little ones "in need of a whipping," when it it is our own irritable tempers that should be subdued.—*Mother at Home.*

HOW TO MANAGE PRECOCIOUS CHILDREN.

[The following excellent and brief Essay should be carefully considered by all PARENTS, and as they read of the different *kinds* of food necessary for children in different states of health, they will see the *necessity of that knowledge of Chemistry and Physiology* so important to those Parents who wish to and b[illegible] rth a healthy race of children, who also wish [illegible] guard those children from disease and premature death.—ED. FARMER.]

Many of the most prominent children are sacrificed by a desire to bring them forward in advance of other children, and this desire is stimulated by natural instincts. Every living creature rejoices in the faculties which God has given it, "as a strong man to run a race." The boy whose muscles are well developed will never keep still, but is ready for anything, good or bad, in which he can stir himself. To such a one study is a punishment. But the boy whose muscles are well developed, sits still and reads, and he appetite, of course, conforms to the kind and amount of exercise. If he wastes his muscles in exercise, his appetite will demand the muscle-making nitrates to supply the waste. If he wastes the phosphorus of the brain by study, he will desire phosphate food to restore it. While the fat and stupid boy, who has neither muscle nor brain, will crave carbonaceous articles to feed his stupidity; and indulgence in these appetites will, of course, increase the peculiarity.

I have seen the little kingbird, after an hour of extraordinary exertions in driving from the neighborhood an intruding hawk, devote the next hour to catching bees and hornets, which abound both in nitrates and phosphorates, as a means of restoring his muscular and vital energy. The bird is safe in following his inclinations, living as it does according to natural laws; and having no abnormal development of faculties, and no abnormal appetites, it can eat what it desires, and as much with perfect impunity.

But the child, changed in its condition as it may be by the ignorance and folly of its parents, even before its birth, is abnormally developed, and of course has abnormal appetites.

Indulging these appetites, in case of precocity of the brain, of course increases the excitement of the brain, and the result is inflammation and premature death.

A child with precocious brain, or who is very forward, to use the common expression, is of course more liable to dangerous diseases of the brain than other children; but if parents would give the subject thought, and use their reason in this, as in other less important matters, these diseases might generally be warded off.

If our eyes have been overworked, or are weak and liable to inflammation, we avoid overusing them, especially in the strong light, and if so inflamed that too much light and all use of them gives pain, we shut our light altogether, and give them rest till they recover. Both light and seeing are pleasant to the eyes in health, and absolutely necessary to give them health and strength, but, when diseased, are both alike injurious, and we avoid the influence of both till they recover. And when only weak, and not absolutely diseased, we are careful to have the light or use the eye only moderately or carefully. So of any other organ of faculty—that which is necessary to it in health must be carefully used in tendency to disease.

Apply this principle to a precocious brain. The brain is dependent on appropriate exercise and a supply of phosphorous in health as is the eye on exercise and light; and as we withdraw the exercise and light in weakness and disease, so should we allow the brain from exercise and phosphatic food in case of disease or premature development. —*Bellows Philosophy of Eating.*

THE UNHOLY DESIRE OF DRESS.

You wish to dress your wife better than your circumstances will a[illegible] have you. She is a woman of spirit, as it is said, and she does not mean to be a drudge. "Why should our neighbors," she says to her husband, "dress any better than we? They are made of the same flesh and blood that we are. See how they come out. I don't think any man of any spirit would let his wife and children go to church dressed as you let us go. Look at these children—you would think they had just come out of some slop house. If I had married as I might have married we should have had different times—I and my children." How many men are stung to the quick by such remarks by their wives. Oftentimes their moral sense revolts, at first, and they feel indignant, but "continual dropping wears a stone," and by and by the man is dressed a little better than he can afford, and his wife and children are dressed better than he can afford, and some one has to pay for the extravagance. I do not say they are tempted to steal, but I do say that they grind. They mean somehow to get it out of the milliner, out of the dressmaker, or out of the merchant.—They intend to make one hand wash the other somehow and they go into petty meannesses to bring it about. And this desire to dress better than they can afford is taking off the very enamel of their virtue, and taking out the very stamina of their religious life. Unimportant as it seems, ostentatious vanity in dress has ruined many a family and damned many a soul.—*Beecher.*

THE UNAIMED GOOD.—The prayer which Socrates taught his disciple Alcibiades deserves a place in the daily devotions of every Christian. "That he should beseech the supreme God to give him what was good for him, though he should not ask it, and to withhold from him whatever would be hurtful, though he should be so foolish as to pray for it."

—A few days ago two women living in Mansfield, Webster county, Ill., were observed, in full Bloomer costume, returning from a hunting excursion each sporting a double-barrelled shot-gun, carrying numerous snipe, woodcock and tomtits, the fruit of one day's campaign.

Miscellaneous.

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Miscellaneous.

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Miscellany.

CHOATE AND WEBSTER RAISE "THE WIND."

The intimacy of Webster and Choate is well known. There can scarcely be a doubt that they loved each other. While the former was Secretary of State, the latter was in the Senate from Massachusetts. At some point during this period, Choate is reported to have found himself short of money, and being away from home, was in a strait how to relieve himself. He sat in his seat in the old Senate Chamber, with a contracted brow, plowing with both of his hands those long black locks of his, as his habit was, in a vain effort to conjure up some way of meeting his engagements, when an idea struck him. "I will go to Webster," he said to himself; and seizing his hat he made his way rapidly to Fourteenth street.—The great man was at home, and received him with unusual cordiality. "But what is the matter with you, Choate?" he asked; (the latter had on that woe begone expression which everybody remembers;) "are you sick?" Choate took a chair and began to run his fingers through his hair, in a way of doubt as to how he should approach the subject of his visit. "Not exactly sick, Mr. Webster; but I am short of money, and have come up to see if you could lend me five hundred dollars." Webster leaned back in his chair, and with eyes twinkling, and the faintest possible gleam of humor on his face, looked at Choate: "Choate, I am just five hundred short myself," he said. (Choate's face dropped.) "But look here, brother Choate," continued Mr. Webster, "I'll tell you what we'll do—we'll make a note, sir, say at sixty days for one thousand dollars, payable in Boston. You shall sign it and I'll indorse it, and by the time it comes round, we will be at home to provide for it." Choate looked up with astonishment. He could see how easily the note might be made; but how the money was coming out of the note was not so clear, and he said so to Mr. Webster. "Leave that to me," the latter replied.

Suffice it to say, the note was made; Choate went back to the Senate to await the result of his friends financial experiment; and his great friend, placing the note in his vest pocket, donned that well remembered broad brimmed black felt hat which he wore in those times, and directed his steps towards Corcoran's. Entering the banking house with head erect and shoulders well set back, "Is Mr. Corcoran in?" in the measured and magisterial tones that inspired so much awe, he asked of the clerk at the counter. "Yes, sir," he replied deferentially. "Please say to him that Mr. Webster would like to see him for a moment." Corcoran appeared with alacrity from his private room and the usual salutations were exchanged. "Mr. Corcoran, my brother Choate is a little short of money, and has made a note for a thousand dollars (which I have cheerfully indorsed for him,) payable in Boston in sixty days. Would you discount it for him?" "Certainly," replied Corcoran, with the greatest pleasure;" and turning to the clerk, he said, "Give Mr. Webster the proceeds of the note after deducting the interest." The clerk made his figures, and bringing out a small bag of gold emptied it upon the counter. He counted out a sufficient sum to satisfy the proceeds of the note; and Mr. Webster, putting it into his pantaloons pocket, called a hack and went immediately to the Capitol. Walking into the Senate Chamber, he found Choate, with his head in his hands, in the most distraught frame of mind. Going directly up to him he gave him a smart slap upon the shoulder: "I've got it, Choate." "The d—l you have!" he replied. The great man sat down beside him, and they divided the money as nearly equally as they could; and thus Choate's mind obtained relief. The story omits to follow the note to maturity, and tell us who paid the thousand dollars finally. We suspect there is where the real point would come in.

ON FORGING, HARDENING, AND TEMPERING MILL-PICKS.

The following hints, which we extract from the columns of the *Milling Journal*, are thoroughly practical and trustworthy. It is obvious that the principles involved in these special directions are applicable to the production of other articles besides mill-picks.

"Use double refined cast steel made expressly for mill-picks. In drawing out the pick, use an anvil and hammer with smooth faces, and be particularly careful not to heat the steel higher than a dark cherry red. Do not strike the pick on the edge when finishing it, but hammer it on the flat side, striking light and often, until the steel is quite dark, letting the blows fall so as to close the grain of the steel. When a dozen picks are ready to temper, get two gallons of rain water, into which the chill should be taken, if in winter add a pint of strong hot iron in it; add two pounds of salt, and your bath is complete. Heat your pick gradually from the center, let the heat run to the point, and when it is a dark cherry red dip the point vertically into the bath and hold it still. When the heat has left the part immersed, take it out, and cool the balance of the pick in ordinary water used in the shop. When taken out of the tempering bath, the part of the pick tempered will be a silvery white. The salt is used to clean the scale from the steel and make it tough. Picks tempered in this manner will be able to put in a good deal of work before they will crack. The whole secret is in the heating and hammering. If not hammered enough the steel will sprawl off; and if heated too hot, it will crumble."

A droll story is related of an honest old farmer, who was attempting to drive home a bull, got suddenly bucked over a fence. Recovering himself, he found the animal on the other side of the rails, pawing the air with his head and neck and pawing the ground. The good old man looked steadily at him a moment and exclaimed:—"Darn your ugly picture, you needn't stand there you eternal critter, lookin' and scrapin' you did it on purpose, to show your curly picture!"

Miscellaneous.

A PRINCELY RESIDENCE
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THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families" and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN,
PROPRIETOR

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facia* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE
—AND—
BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the
BEST GOODS
IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.
310, 312, 314 Pine Street, SAN FRANCISCO.
30-10

Harness. Saddles.
MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,
Saddles, Bridles,
WHIPS, COLLARS
SADDLE-WARE, &C.,
Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☞ To correct a erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

AVERY
TUBE WELL
COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞ For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

Valuable Patents
FOR SALE

We invite the attention of energetic Mechanics to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touching the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER.

Insurance.

PACIFIC
INSURANCE COMPANY
OF SAN FRANCISCO, CAL.
Office, No. 436 California Street.

CASH CAPITAL..... $750,000 00
SURPLUS, July 1st..... 363,802 82
CASH ASSETS..... $1,113,802 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN.
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Sollgman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B. Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. C. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hanesmann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.
SACRAMENTO
Edgar Mills, G. W. Mowe, C. T. Wheeler.
MARYSVILLE:
J. H. Jewett.
STOCKTON:
T. R. Anthony.
PORTLAND, OREGON:
W. S. Ladd, Jacob Kamm.
VIRGINIA, NEVADA:
Wm. Sharon

Officers:
JONATHAN HUNT, President
A. J. RALSTON, Secretary,
O. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.
T. O. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'
CELEBRATED PATENT
H.&L.
AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to and keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the packages

Depot, 320 Jackson Street,
HUCKS & LAMBERT,
Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S
NORTH POINT
GRAIN WAREHOUSES.
SANSOME AND CHESTNUT STREETS,
SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit: five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers,
PAPER BAGS, TWINE, &c.
Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.
30-6

FOR SALE
BY
JOSIAH STANFORD,
SUCCESSOR TO
STANFORD BROS.
123 CALIFORNIA STREET,
SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD
China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 81.
Naptha, gravity 65 and 72.
Also Grant's Candles, in lots to suit. 30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, June 10.

The Grain! the Grain! the *Golden Grain!*
It gleams on the Mountain, Hill and Plain;
With *heavy heads* it bows to the breeze,
It soon will be harvested and sent o'er the Seas.

Now, now is the time for our Grain growers to reflect upon what is best for them to do with their incoming crops.

That they will be large, *very large*, no one at all well informed, can doubt, and no wise man can hope that the *price of Grain* can possibly rule above present rates, but rather go below, and it *may be*, much lower.

From the very best information we can gather, we learn of abundant crops in all the Grain growing States of the Union, and also in Europe, and while the English reports may vary from one to four pence the cental; this is only a *local* change, which any large importation from other countries would quickly alter and send the price further downward.

The little squibs of *Saul* here or *Rust* there, will not affect the real value of our Grain Market a thousandth part of a mill. Such dodges of Speculators should never influence our own sturdy Farmers.

Barley, Wheat and Oats of the *New Crop* have come to hand, and heavy lots will soon be "knocking at the door" of our Markets, and wise will those growers be who put their crops *into their pockets first*, instead of into a warehouse.

Grain Growers! please remember the counsel of *This Journal* last year—and now, our counsel is *still the same*; and if you sell at *Harvest*, remember your *money* is then daily adding to the principal, which will be the same to you as if you *held on* to your Grain, and that should rise, you that sell now are sure of an increase of the *price* of your crops even should *Grain fall*—for you have the *money* and the interest is daily *making it more*.

Grain, &c

Wheat California, ₱ 100 lbs	$1 30	@	1 50
do Extra	1 50	@	1 65
Barley, ₱ 100 lbs	1 25	@	1 50
Rye ₱ 100 lbs	3 00	@	3 25
Oats, California, ₱ 100 lbs	1 40	@	1 75
Corn ₱ 100 lbs	1 25	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	2 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	14 00	@	16 00
Middlings ₱ ton	20 00	@	27 00
Oil Cake Meal, for feed, ₱ ton		@	30 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes old	50	@	75
Potatoes, New	1 50	@	1 50
do sweet		@	
Onions	1 50	@	2 00
Hay, ₱ ton, extra	10 00	@	17 50
Hay, ₱ ton, ordinary	8 00	@	12 00
Straw ₱ ton	—	@	—

Retail Prices in the Fruit Market.

Our Fruit Market is really splendid. All the most choice Fruits of the season are spread out in our Markets in great abundance, and in superb quality, and at a low price, so that all can eat and be satisfied.

It is a fact, we have never had a season of such abundance, and prices so low, and so early.

The second crop of *Strawberries* with the noble *Jucunda's*, just now begin to come in.

Peaches just begin to come to Market, and look tempting enough to eat.

Apples, ₱ box	1 50	@	3 00
Apples, ₱ lb	6	@	10
Pears, green, ₱ lb	6	@	10
Plums, ₱ lb	15	@	25
do Large	—	@	—
Peaches, ₱ lb	25	@	50
do Dried	10	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	15	@	25
Cherries, ₱ lb	15	@	40
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	15	@	25
Raspberries, ₱ lb	20	@	25
Blackberries, wild ₱ lb	—	@	15
Gooseberries ₱ lb	—	@	12½
Currants, ₱ lb	18	@	20
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
California Almonds, green	—	@	15
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

Where on the face of the earth can so abundant supply be found for all the Culinary wants of the kitchen, in the way of Garden Sauce, as in the markets of *San Francisco*. *Ours beats the World.*

Sacramento, Stockton, and Marysville, send to this Market for *Vegetables*, and even for some kinds of Fruit. What a rebuke to many owners of good lands who might *make a fortune* in this business if they would only give proper attention to it. Alas for the *Drones*. How many Farmers are too lazy or shiftless even to raise enough to supply *their own tables*.

Why will purchasers pay 10 cents for *white* Asparagus which is *poisonous*, when they can buy the *green* for 8 cents which is delicious and healthy, and one pound go as far as *four* pounds of the white.

Asparagus, white ₱ lb	8	@	12
do green	—	@	8
Artichokes, (Fr.) ₱ doz	25	@	50
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	75	@	1 00
Cauliflower, ₱ doz	75	@	1 00
Cabbage, ₱ doz	100	@	1 25
Carrots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	40	@	50
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₱ lb	4	@	5
Green Corn, ₱ doz ears		@	—
Sugar Peas		@	
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	
Onions, ₱ lb	5	@	6
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2 00	@	2 50
do Sweet	5	@	7
Pumpkins	3	@	4
Parsnips, ₱ doz bunches		@	25
Parsley		@	25
Pickles in jars, each	30	@	75
Rhubarb ₱ lb	8	@	10
Radishes, ₱ doz bunches		@	37
do yellow		@	37
do black, ₱ bunch	25	@	37
Green Peppers		@	62
do Red		@	50
Squash, Summer	5	@	8
do Marrowfat	3	@	5
do Hubbard	3	@	5
Beans, String	6	@	8
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	40
Salsify, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	10	@	15
Garlic	—	@	25

FISH

(Tessmore and Mayes.)

Our *Fish Market* is well supplied daily. All that is needed can be had every morning now, and in great variety.

Salmon, ₱ lb	—	@	15
do smoked, new	10	@	12
do pickled, ₱ b	8	@	10
Salmon Trout ₱ lb	—	@	38
Smelts	8	@	10
Perch		@	12
Rockfish		@	12
Codfish, dry	—	@	16
Herring, fresh		@	
do smoked ₱ 100		@	1 00
Tomcod	18	@	20
Sardines, fresh	—	@	—
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small	—	@	25
do soft	—	@	50
Terrapin, ₱ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	—
Shrimps, ₱ lb	—	@	12
Flounders	—	@	18
Sea Bass		@	
Halibut, rare	—	@	75
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	10	@	12
Turbut		@	62

MEATS.

(Leopold Miller)

The Meat Markets remain without material change. The supplies of Beef, Mutton, Lamb, Veal and Pork, which make the *solid* dishes of the table, can be had in our Markets equal to any Meats that can be shown in any market on the Continent of America—this is the assertions of new comers to our city from eastern cities, such as New York, Boston, and Philadelphia, that boast of *their* markets.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	10	@	12
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	15	@	18
do cutlet	—	@	18
Mutton, chops, ₱ lb	10	@	12
do leg	—	@	10
Lamb, ₱ lb	12	@	15
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

POULTRY AND GAME.

Game and Poultry are not so plentiful, nor so good, nor is the prices quite so high as last week. This we attribute to the fact, that the people in the country are now at Harvest and cannot spare time to bring in their surplus Poultry. See rates below.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back		@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese wild, ₱ each		@	
do tame	2 50	@	3 00
Chickens, Young, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	1 00	@	1 25
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 50
Venison, ₱ lb		@	—
Quails, ₱ doz		@	
Pigeons, domestic, ₱ doz		@	4 00
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 00
Spring Chickens	6 00	@	8 00
Turkeys, ₱ lb	26	@	28
Ducks, tame, per doz	7 00	@	10 00
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz	—	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Butter, Cheese, and Eggs are about the same as our last report. The *best* Butter is none too plentiful.—Some of our dairymen are now packing down Butter, but we think so long as they could realize the *present rates in hand*, it were much better than to pack down; for they must remember we have now the *Railroad* that will bring us Butter quickly if the price rises, and this will hereafter *stop* all high rates. Will our dairymen remember this?

Some Eastern Butter is now arriving.

For Bacon, Hams, and Lard, there is a steady market, and prices do not alter much.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	40
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	45
Farralone Eggs, ₱ doz	—	@	45
Cheese, ₱ lb	..	@	25
Lard, California	—	@	20
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	35	@	40
do do packed	—	@	—
do Eastern (new)	33	@	38
Cheese, California	15	@	17
Eggs, ₱ doz	—	@	40
Farralone Eggs, ₱ doz	—	@	38
Lard, ₱ lb	—	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 9 @ 10c ₱ lb
do. 2d do. 8 @ 9c.
MUTTON—6@8 ₱ lb. LAMB—9@10c.
PORK—undressed, —7@10c; dressed, 11@12c.
VEAL—10@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 50	@	1 75
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	15@18
do extra	18@20
Medium	15@18
do burry	10@12
Wool-sacks, new	80@1 00
do second-hand	40c@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	9¼@9¾

The FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco not working well, I will fix it for nothing and pay all express charges.

SAMUEL HILL, Agent,
111 Montgomery street,
San Francisco.

31-19

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR JUNE

The following Steamships will be dispatched on dates as given below.

June 9—MONTANA, Capt. E. S. Farnsworth, connecing with ALASKA, Capt. Gray.

June 18—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCY, Capt. Conner.

June 30—CONSTITUTION, Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman' and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandize and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

CENTRAL PACIFIC RAILROAD

COMMENCING MAY 17TH, 1869. EXPRESS Trains will run as follows:

EASTWARD.	Miles.	Time.
Leave Sacramento	—	6.30 A. M.
" Colfax	54	9.50 "
" Truckee	120	2.10 P. M.
" Reno	154	4.20 "
" Wadsworth	189	6.30 "
" Winnemucca	344	1.45 A. M.
" Carlin	445	8.30 "
" Elko	468	10.00 "
" Toano	559	3.15 P. M.
Arrive at Promontory	690	11.05 "

WESTWARD.	Miles.	Time.
Leave Promontory	—	6.15 P. M.
" Toano	131	3.00 A. M.
" Elko	222	8.25 "
" Carlin	245	9.35 "
" Winnemucca	356	4.10 P. M.
" Wadsworth	501	12-05 A. M.
" Reno	536	2.10 "
" Truckee	570	4.20 "
" Colfax	636	9.50 "
Arrive at Sacramento	690	1.20 P. M.

FARE. Coin.

Sacramento to Terminus.....$50 00

Children NOT over Twelve (12) years of age Half Fare, under Five (5) years of age, Free.

100 pounds Baggage (per passenger) Free.

☞ Two Trains daily (Sundays excepted) between Sacramento and Marysville, without any change of Cars.

Leave Sacramento at 6.30 A. M. and 2 P. M.
Arrive at Marysville at 9.30 A. M. and 5.30 P. M.
Leave Marysville at 5.30 A. M. and 10.10 A. M.
Arrive at Sacramento at 9.45 A. M. and 1.20 P. M.

☞ For Tickets and other information, apply at the Company's Offices.

C. CROCKER,
General Superintendent

T. H GOODMAN, General Passenger Agent.

☞ The following are the present rates of Fare via. the Union Pacific and connecting roads:

	Currency
Promontory to Omaha	$ 81 50
" " St. Louis	101 50
" " Chicago	103 50
" " Cincinnati	114 35
" " Niagara Falls	118 90
" " New York	123 50
" " Boston	126 50

(Rates are subject to change.)

May 17th, 1869. 31-8

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays, and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all HUMAN ENTERPRIZES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and the who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

We therefore invite all those who have valuable IMPLEMENTS, MANUFACTURES, INVENTIONS, BOOKS, PAINTINGS, etc. to the Columns of the CALIFORNIA FARMER, that will give them a wider circulation than any other medium they can adopt.

WARREN & CO., Eds. and Prop's.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS,

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge, now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER, BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINTS and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It is our sincere wish that these Pills should be fairly and for or ed, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms consequent on a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the proper action of the Stomach, Bowels, Brain, and the whole Nervous System should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has no distinct connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal nature or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Stomach, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increased by pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful notion of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everything. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow them. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are unequalled to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an infant, the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. Even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a craving sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough; cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, JUNE 17, 1869. NUMBER 21.

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BY WARREN & CO.

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SAN FRANCISCO.

TERMS OF SUBSCRIPTION,

by mail, for one year, $5; for six months, $3. For a Club of five new subscribers, a sixth copy will be sent gratis. If payments are delayed six months $1 additional per year will be charged.

To City subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

☞ Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

☞ All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

San Francisco, Cal.

LIST OF AGENTS:

Our Subscribers can send money BY MAIL safely (register at the Post-office, and the money will come back safe and sure.)

WELLS, FARGO & Co., at all their Offices in this State.

POSTMASTERS, throughout the State are requested to act for us.

WEED & SAUER, Washington street, opposite Postoffice.

A. L. LOOMIS, " " San Francisco.

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MESSRS. WAITE, BURNELL & CO., Seed Merchants High Holbourne, London.

MESSRS. VILMORINE, ANDRIEUX & CO., Paris,

HOME FINANCES.

The fact that our savings and loan societies have again commenced to make loans indicates that their deposits are increasing, a fact which goes far to show that the monetary pressure to which we have been lately subjected is slowly relaxing.—Advices from the East, the raising of rates by the Bank of England, the variform uses and demands for cash among ourselves in prosecution of new and costly emprises, the crushing excess of imports over exports, the collection of income tax and attendant locking up of funds in the National Treasury, the necessity for money to move the incoming crops, and a number of other equally cogent reasons, operated to induce an economy seldom practised by Californians. Business has been somewhat stayed on these accounts for the time being, and no purchases were made beyond actual temporary requirements. It is gratifying to add, that this condition of affairs is passing away, and a degree of confidence established in its place which promises well for the future. Our area of commerce and trade has been measurably increasing, offering new and inviting fields, which have not been ignored by our business men.

Since our last issue, $1,170,052 in treasure have been shipped to Oriental countries, divided as follows: To China, $150,469 in gold bars, $308,389 in silver bars, $189,872 in Mexican dollars, $91,268 in gold coin, and $3,000 in gold dust—total $743,-000; to Japan, $136,373 in silver bars, $74,431 in gold bars, $216,150 in Mexican dollars. Our shipments via Panama have been as follows: To New York, $40,000 in gold coin; England, $235,366 in silver bars; France, $38,852 in gold bars; Central America, $139,112 in gold bars, $12,046 in gold dust, and $10,000 in silver bars; Panama, $23,200 in gold coin—total, $498,576.

In this market bank rates rule from 1¼@1½ per cent per month, according to securities. Bullion is in fair supply with equally fair demand, but nothing pressing.

We quote gold bars at 850@880; silver bars remain steady at the prices long ruling, viz., from par to ¼ per cent premium. The export of $690,000 in silver bars in one week has not interfered with the market value of that sort of treasure.—Currency bills on Atlantic cities pay 36 per cent premium on gold; coin drafts, 1½ per cent premium; telegraphic transfers, 2 per cent premium; sterling exchange, 48¾d; commercial exchange, 48½d. Mexican dollars command a premium of 5@6 per cent. Gold in New York, June 10th, 139¼; Legal Tenders with us, 72¾@73¼.

We have been astonished at the seriousness with which the jocose enunciations of a Sacramento journal have been treated by the daily press of this city. Evidently in a moment of frolic, just to see what effect it would produce, the Sacramento *Bee* announced as the removal of the California Branch Mint from this city to the capitol. Instead of treating the proposition with the silence it merited, several of our prominent journals have met it with serious discussion, giving it a prominence it could never otherwise have achieved, and inducing the originators to believe they had opened up a rich vein of promis.

Our local money market is not pressed for funds for legitimate business; but there is no disposition to advance on stock securities or speculative adventures. A great deal of cash has been followed on mortgages, and is not yet available for business operations, while large sums have been employed in a variety of new and expensive enterprizes which require time before making returns. The low prices commanded by farm produce, the uncertainties of the market, and the heavy loans already made on that kind of security, render it difficult for farmers to obtain the sums required to harvest and market their incoming crops; but as bread is a matter of absolute necessity, and the supply on hand is not over abundant, it is quite within bounds to expect that the difficulty will be removed in time to meet all requirements.

The export of treasure from June 1st to date, have been as follows:

June 1—Per Golden City—		
To New York	$ 87,524 81	
To England	669,960 54	
To France	7,000 00	
To Panama	20,000 00	
		$ 784,485 35
June 4—Per China—		
To China	$743,098 30	
To Japan	426,954 08	
		1,170,052 38
June 9—Per Montana—		
To New York	$ 50,000 00	
To England	235 365 76	
To France	38,852 17	
To Cen. America	151,158 42	
To Panama	23 200 00	
		498,576 35
Total since June 1st, 1859		$2,453,114 08
Previously this year		15,970,193 98
Total since January 1st, 1869		$18,423,308 06
Corresponding period, 1868		18,080,059 72
Increase this year		$343,248 34

The duties paid at the Custom House in this city from June 4th to date, have been as follows:

June 4	$11,273 68
June 5	12,190 73
June 7	7,925 57
June 8	9,861 38
June 9	43,082 30
June 10	20,021 48
Previously in June	83,998 01
In June to date	$188,353 15
In May	575,030 24
In April	554,882 05
In March	780,447 40
In February	602,340 00
In January	532,997 97
Total since January 1, 1869,	$3,234,050 81
Corresponding period, 1868,	3,588,899 52
Decrease this year	$354,848 71

A WANT THAT OUGHT TO BE SUPPLIED.

Oregon has much good stock, and her citizens have shown commendable enterprise in its introduction.—There is probably no community in America of the same population that can make a better show of good horses than can the farmers of Oregon. Of cattle we have the Short Horn and the Devon, the first pre-eminent as a feeding animal, under an artificial system of feeding; and the latter having no superior as a grazing animal, upon the short sweet grasses which are natural to this country. Of hogs, we have the Essex, the Suffolk, the Berkshire, the Grazier, the small China, and Cross's large cross bred hogs, the last named of which are perhaps second to no other breed. Of sheep, there are the Cotswold, Leicester, Hampshiredown, Southdown, and New Oxfordshire, together with the Australian, Spanish, French, and American Merinos, and grades of all these breeds with the common stock.

It seems to us however, that we yet lack something in the breeds of neat cattle, and that some stock which can be counted on for improvement in the milking qualities of our dairy cows, would now pay for bringing into the State. The dairy interest is to recieve increased attention from this time forward. Men are not going to continue to raise the best article of winter wheat at 55 cents per bushel. and buy California or Eastern Butter at 50 to 70 cents per pound. The time is therefore ripe for the introduction of breeds of cattle which have well deserved reputations as milkers; and all the breeds we have heard of in that connection, the Ayrshire would be our first choice to make trial of. It is to be hoped that some man will turn his attention toward this famous milking stock, and introduce them into this State soon.—*Williamette Farmer.*

WHERE TO ADVERTISE.—The advantage of advertising in the *Farmer* can be proved in many cases where valuable Real Estates are for sale, or wanted.

We advertised a few weeks since, an estate for sale in Napa, within ten days there were two applicants direct from the Farmer, and the Estate was sold to one of these purchasers, advantageously and profitably. While from other advertisements and agents, not a word or a customer; so much for wisely selecting *where* to advertise.

THE COMING CROPS.

A recent trip through several of our leading agricultural counties, has forced upon us the conviction that the incoming crops will be largely in excess of any ever harvested in California. In some localities the grain is thin and will fall short of former averages per acre; but these instances are exceptional, as well as those in which rust is said to exist. But the greatly increased area seeded in wheat, and the superior methods of cultivation adopted in many portions of the State, overbalance any defects from other causes. A considerable breadth of new land was sown late in the season, and the process was much slighted, the ground being barely scratched with the harrow instead of being plowed. However rich and fertile the land may be, it is scarcely possible to expect heavy returns from such a course of treatment. The loose system of cultivation which has obtained in this State cannot be too much deprecated. There is something else to gain besides crops. Our reputation as a grain producing State rests upon actual returns and not upon mere assertion. Immigration depends upon statistical data for the knowledge requisite to set it in motion. Although we may revel in the conciousness of possessing a rarely fine and propitious climate, and the most generous of soils, pains must be taken to impart a satisfactory knowledge of those facts. When the harvest returns are compared with the area of land under cultivation, a just average of the yield may be had, and to this average farmers appeal as evidence of our capabilities. Elsewhere in the Union, farmers have adopted and practice the latest and most approved methods of cultivation. They are impressed with the conviction that we do likewise. They cannot conceive the policy which would induce an agriculturist to sow 1,000 acres of wheat, producing an average of 20 bushels to the acre, when, were one-half the quantity properly treated, it would yield an average of 60 bushels to the acre. We confess our inability to fathom the wisdom of such proceeding; nevertheless the fact of its being widely practiced is undeniable. The market value of lands so abused is also greatly impaired, and even the owner becomes indifferent in the course of time, and turns his back upon his old possessions to occupy new tracts, under the impression that the old have become exhausted and unremunerative, whereas the fault is entirely his own.

Careful and well directed husbandry has never failed to meet with abundant reward in this state; but careless, negligent and superficial treatment, accompanied by Micawberish expectations, are just as certain to terminate in disappointment and disgust. Everywhere throughout California, land that has been properly and systematically laid under contribution, promise returns far surpassing those of former years. In some localities the prospects range as high as 80 bushels to the acre, and the area so promising is by no means insignificant. For miles the waiving grain stands thick, heavy and handsomely headed. The eyes and hearts of Eastern farmers would be gladdened at the bare sight of so great redundancy, and it is to be regretted that the superficial system pursued in other districts; should materially lessen the general average returns per acre. Generous as our soil is we cannot expect that its resources can be continually drained without giving some compensation for its liberality and bounty. Information derived from reliable authorities bears us out in asserting that the next crop will be much the largest ever harvested in California. There are fields of grain nearly ready for harvesting, which will return from 75 to 85 bushels per acre. and there are thousands of such acres teeming with bread. We learn of no movement on the part of grain dealers. We hear of no attempts either to buy or sell in advance of the actual arrival of the grain. The disposition to let the market chalk out its own course and follow its own bent, seems to be in the ascendant. Speculative action is entirely dormant. Producers and dealers are in a state of quiet expectation, awaiting the natural laws of demand and supply. We have reason to believe that the policy adopted last year will not be repeated, but that the market will be followed from time to time, as occasion may serve. The severe experience last year, will not have been in vain, and a more natural, healthy, and a less excitable condition will supervene.

In relation to fruits, the current year has been attended with abundant and remunerative returns. The strawberry crop exceeded all anticipations, the fruit being of large, fine and excellent quality, prices well sustained. Owing to recent drouth, or lack of moisture, the second crop will proably be light. Cherries have been marketed in great abundance, especially those of more ordinary kinds. Finer qualities have not come forward in quantities equal to the demand, and prices rule high. Apricots and other stone fruit are commencing to make their appearance, and will doubtless be more than usually prolific. Apples and pears promise exceedingly well, while the grape crop gives the appearance of a most generous return.

A company of Japanese agriculturists are about to essay the cultivation of tea on a large scale. We can adduce no reason why the attempt should not prove successful; at all events, it demonstrates the faith those versed in the business have in the adaptability of our climate and the capability of our soil.

So far this year, our farmers have been most generously rewarded, while the future is pregnant with hopeful anticipations.

THE HEROINE.

IDA LEWIS.—At the close of a stormy March day of this year two soldiers were crossing from Newport to Fort Adams in a sail-boat managed by an inexperienced lad. When they were partly across a blast suddenly struck the craft; the boy was confounded, the boat capsized, and for half an hour, clinging to the keel, the hapless men and boy struggled with the waves. Then the hold of the boy relaxed, and he sank, but a boat had put off from the Lime Rock Lighthouse, about half a mile away, and before the men were exhausted it had reached them, and they were saved. The persons who saved them were Ida Lewis and her brother Hosea, children of the keeper of the lighthouse.

Ten years ago in the same harbor four young fellows were upset in a boat, and the same girl hastened in her skiff to rescue them. A little later three drunken soldiers stove a hole in their boat not far from the light. Two swam ashore, the third was saved by Ida Lewis when nearly exhausted. Two years ago some men were driving a sheep upon the wharf in Newport. The animal plunged into the water, and three men running along the shore in pursuit at length found a skiff and put out into the harbor. A heavy sou'wester was blowing, and the skiff was swamped. Once more Ida Lewis pushed off for them, and bringing them safe to shore, returned and landed the sheep. In the next winter a scrape-grace stole a sail-boat from the wharf and made off. But the gale drove it upon the little Lime Rock, a mile from the light; and the thief clung to the mast from midnight until morning, when Ida Lewis saw him, and rowing to his relief, found him, as she said, "shaking and God-blessing me, and praying to be set on shore."

This is a girl in her twenty-eighth year, slender, blue-eyed, with light-brown hair, frank and hearty, and likely to be more famous next summer than any Newport belle.

But the heroic story of which these are the incidents suggests some very improving reflections upon the sphere of woman. No one can read the report in the newspapers, no one certainly read the brief telegraphic notice upon the following morning, without a thrill of admiration and sympathy. But are we to understand that such emotion was natural and proper? Are we to believe that it is "feminine" for young women to row boats in storms? Is it "womanly" to tug and strain through a tempest, and then pull half-drowned men into a skiff?

Now, speaking soberly, no man will be such an —let us say donkey, as to insist that it was unfeminine in Ida Lewis to pull off in her boat to save men from drowning. It was no more unfeminine than to sing a babe to sleep. And if this be so, then it was perfectly womanly to learn the use of oars—to acquire the means of doing so great a service to her fellow creatures, a service which touches the heart and the imagination, and, as in the instance of Grace Darling, will become a poetic tradition.

When we have come so far as this there is certainly no need of asking whether such actions fall within the sphere of woman, or whether they are competent to row boats. Ida Lewis has shown that she can row to some purpose, can row indeed to such purpose that every generous heart applauds. This seems to settle the whole vexatious question about women. Indeed there is really no more question about women than about men. And unless the whole debate upon the subject of the rights of men, which has shaken society now for so many years, and often to such tremendous results, is folly, that upon the rights of women can hardly be smiled away.—*Harper's Magazine.*

THE RAMIE GRASS.

The Hawaian *Gazette* thus announces the introduction of this famous grass into the Islands.

Among the many benefits resulting from the efforts of the Agricultural Society, in the introduction and distribution of new plants, suitable to the soil and climate of these Islands, not the least promising is the plant called *Ramie*, the scientific name of which, is *Boemeria tenicissima* from which the beautiful texture called "pina" or grass cloth is manufactured, and which has been proved by experiment, to be admirable for successful cultivation on large tracts of land in this country. It appears to have lately become a great favorite in the Southern States of America. Senator Sprague is at present engaged in planting over one thousand acres of it in Florida. The labor requisite to prepare and separate the fibre for market is simple and inexpensive, and the plant is remarkably easy of propagation so that it is capable of becoming a valuable article here.

OMAHA, TRAIN, AND PACIFIC RAILROAD.

The Omaha *Herald* of a recent date gives the following sketch relative to that now important City:

"When, four years ago, the charter for the Pacific Railroad had become a law, and the Union Pacific Company had organized to commence the great work whose progress is the wonder of the age, George Francis Train dragged a few of our citizens to a spot near the locality at which these lines are written to celebrate the inauguration of the continental railway with a formal breaking of ground, speeches and other ceremonies. He made nearly all the speeches himself, was conceded master of ceremonies, did all the reporting, and telegraphed the proceedings all over this country at his own expense, advertising Omaha in one hour more effectually than all the rest of us had done in ten years. He proclaimed Omaha as the initial terminus of the National Highway, and as the New Chicago of the West. He also proclaimed that, in five years from that time, the mails from China, Japan and the Indias would pass through Omaha to Liverpool, and that the teas and silks, and the Mandarins of the Celestial Empire would travel across the American continent to England. All there was of Omaha at that time giggled, and pronounced Train a lunatic, and we joined in both the giggle and the verdict. When, at about the same time, Mr. Peter A. Dey, the then accomplished engineer, called upon us at Fort Kearny and announced in his candid way that work was soon to commence in the Platte Valley and at Omaha, we smiled our incredulity, and reminded him of similar remarks about the Missouri and Mississippi line which were made by himself, and Dodge, and Farnam, as long ago as 1855-6-7. The result is what we now witness. The Pacific Railroad, an empty dream to Benton, in part realized by Curtis, so many years ago, stands before us a living reality."

THE WESTERN GRASSHOPPER.

Mr. B. O. Driscoll, of Doniphan City, makes the following suggestions in regard to the grasshopper or locust of the Western States.

"I would reccommend plowing all clear naked spots, roadsides, &c., especially north, and when eggs are found along hedge rows, the surface should be scooped into a ditch or furrowed, and then covered deep with a plow. Where there is danger of an incursion of those wingless grasshoppers, I would suggest a ditch, as is often used in Montana and elsewhere, or a close fence four feet high, or, better still, a bed of straw in their line of march, to be burned when their advance guard are passing over, or have gathered upon it when those not destroyed will turn back and seek other fields of pasture. As to the kind of crop to plant, I have no suggestions to make, for I find that no *green thing* is exempt from their ravages, and that when one crop is wanting another will suffice, but that hemp, cabbage and barley, are preferred to many other kinds, and to protect cabbage and potatoes, I would reccommend strong salt water. Air slacked lime will answer a good purpose for many kinds of crops after the salt water. Many fruit tress have been injured by grasshoppers, but none have been killed to my knowledge."

A HOUSE BUILT IN 19½ HOURS.

The new house and how it was built. We neglected to state the other day that the house built by Mr. Mishler, which was to have been commenced and finished in thirty hours, with the exception of painting, which Mr. Pool with his five assistants, completed in twenty-five hours, including pencilling, painting the front, the roof and the interior, everything complete, and all of which was done in a workmanlike manner. The house was partially occupied at 3¾ o'clock on Wednesday afternoon. Ruth & Jeffries bricklayers, employed ten hands and completed their work in twelve working hours; John Broch & Co., plasterers, in fifteen hours; John D. Boring, carpenter, in nineteen hours; Miller & Hess, sash factors, in nineteen hours; Jacob Gable, plumber and tinner, in five hours; Frederick Coonley, brickmaker, delivered the brick in eleven hours; and A. Lechler, put up the lightning rod in fifty minutes. The house is forty by eighteen feet, three stories high, and required 42,350 brick. All parties who worked on the building did their work in a satisfactory manner, and it is the intention of Mr. Mishler to publish a list of their names as soon as they can be procured.—*Lancaster, Pa., Register.*

There is to be four days' trial of our hay making implements on the farm of the Mass. Agricultural College, commencing the 22nd of June, and a fine opportunity will then be offerdd for those desiring to make an examination of the machines at their work, to do so, and make their selection.

[When our Ag. Colleges are under their full tide of succes, our Ag. Fairs will be under their direction.—ED. FARMER.]

A paregoric wedding is the latest matrimonial novelty. It takes place about the end of the first year.

Agriculture.

THE RAMIE PLANT.

In consequence of the great interest which we are glad to see our country planters and city merchants are taking in this new staple, we have taken much pains to procure reliable information about the ramie, its cultivation, etc. We condense from a circular obtained from a gentleman who has for three years cultivated it profitably, and hope our account will induce our farmers at least to experiment with it. The ramie belongs to the nettle family and in appearance resembles a luxuriant growth of that noxious weed. The leaves, however, being shorter and broader.

At first planting, standing single, it is inclined to make many side shoots or laterals. After being cut down once or twice about an inch under the ground the roots become stronger, a large number of ratoons will sprout from them and few or no side shoots show themselves. The shoots from the roots or ratoons stand close and push each other up.

These close standing shoots contain the best fibre; they are hollow, almost as much as a cane.—As soon as the fibre has the proper strength, the stem begins to color a little darker near the ground—when the stems have reached a height of a little more than four feet, the fibre will be of good quality, but does not get hurt if left uncut until it reaches ten feet in height.

The following is a good method to commence planting in the garden or nursery. The soil has to be worked twelve to fourteen inches deep, pulverized and cleared of all weedy roots; so that when they are afterwards hilled the ground becomes nearly level. As soon as the plant is six to eight inches high, the top ought to be nipped off, in this way side shoots will start from every leaf. When they have reached four or five inches in length, the plant ought to be covered with earth and nothing but the tops of the side shoots left to be seen. All these side shoots will soon make roots, when they can be cut off from the mother plant and transplanted. The mother plant has now strong roots and will soon have ratoons which have to be treated like the side shoots mentioned above—and when strong enough and rooted, can be transplanted. The bed should be kept clear of weeds and the ground loose around the plants.—A rich, rather sandy soil, is believed to be best for the nursery.

FIELD CULTURE.

The land should be deeply cultivated, subsoiled—fourteen inches is not too deep. The field ought to be laid off in pieces for about twenty rows in width, and passage left for a wagon to pass; in this way the plants will not be hurt by the wheels in gathering. The rows ought to be four feet apart and the plants in rows two feet apart. After the land is plowed, cleaned and harrowed, a furrow is made every four feet, and in these furrows the plants are placed.

Rooted plants as well as layers ought to be covered with earth nearly to the tops, and if the shoots are too long on rooted plants, cut back two or three leaves. Roots ought to be covered with earth two or three inches deep.

As soon as the plants have reached seven to eight inches they ought to be topped, to force the plants to form side shoots. When these latter are grown to about five or six inches in length, the plant has a kind of bushy appearance; then the plant is hilled nearly to the top, and at the same time all weeds are destroyed. The plant is left to grow now until it has reached the height of about three feet, when it is cut down an inch below the ground The fibre of this growth can be used, but is not perfect yet, because the roots and bulbs are not yet large enough, and there are as yet too many side shoots.

After the second year there is but little trouble, one plowing between the rows early in the spring, spreading manure over the fields during the winter.

The planting in the field ought to be done in the spring, but can be continued late in August.—Those planted late, to be covered in winter with straw or leaves to enable the young plant to resist the frost. Those planted early in spring or summer, will not require this protection, as they will make roots eighteen to twenty-four inches deep.

All refuse matter falling off in cleaning should be fed or dried and put in barn for use. All the manure coming from the plant ought to be carefully gathered up and brought back on the field—will give a rich return for many years without being replanted.

The ramie is useful in two ways. It contains first a silk like fibre of uncommon strength and fineness, and second, the refuse matter furnishes excellent food for stock—milch cows fed with it give more milk than if fed with clover. Fences must be kept in good order as cows and hogs after once tasting it will break down a poor fence.—Perhaps the most important point, is its easy and almost certain cultivation, because the first year its cultivation does not give more work than sweet potatoes, and afterwards the main and almost only labor consists in harvesting.

The quantity of fibre will be more than cotton, and the price per pound more than double.

PUGET SOUND.—From the Olympia *Transcript* of the 8th, we condense the following news: The crop prospects are good. A large amount of grain has been put in the ground, for which the spring has been exceedingly favorable, and they all look well.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 STOCKTON, SAN JOAQUIN COUNTY.

New Advertisements.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULAR.

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all o trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front or all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

VIBRATOR THRESHER

WHEELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Stand, Cor of California and Battery Sts.,
SAN FRANCISCO.

TRUE'S

IMPROWED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatoes in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,
320 Clay street, up stairs.

AVERY

TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropped in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. ☞For circulars, etc., address Postoffice Box, 17. UHRIG & DEWEY.
Office at 318, Pine street. 31-10.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato

BUY THE GENUINE FROM

GEO. A. DEITZ

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania

1 Pound Early Rose sent by Mail, postpaid, for
4 Pounds of Early Rose sent by Mail, postpaid, for
4 Pounds of Surprise Oats sent by Mail, postpaid, for
4 Pounds New Brunswick Oats, by Mail, for
4 Pounds of Swedish Oats by Mail, for
4 Pounds of Yellow Mammoth Corn, by Mail, for
4 Pounds of Yellow Gourd Seed Corn, by Mail, for
4 Pounds best three varieties of Sweet Corn for
4 Pounds of China Tea Spring Wheat, by Mail, for
4 Pounds of Black Sea Spring Wheat, by Mail, for
4 Pounds of Canada Club Spring Wheat, by Mail, for
4 Pounds of Hedgerow Spring Wheat, by Mail, for
4 Pounds of Rio Grande Spring Wheat, by Mail, for
4 Pounds of Scotch Fife Spring Wheat, by Mail, for
4 Pounds of Mammoth Bearded Spring Wheat, for
4 Pounds of Smooth-headed Spring Wheat, for
4 Pounds of White Hominy Corn, for
4 Pounds of Harrison Potatoes, by Mail for
4 Pounds of White Peach Blow Potatoes, by Mail, for
2 Pounds of Italian Grass Seed for
2 Pounds of Orchard Grass Seed, for
2 Pounds of Herd Grass Seed, for
1 Pound of Alsike or Swedish Clover Seed for
2 Pounds of Cow Grass or tall Clover Seed, for
4 Pounds of Red Clover Seed for
1 Pound of Egyptian seven-headed Wheat, for
Best Fodder Cutter at Chambersburg, for
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for

☞Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.
☞The money, in all cases, to accompany the order
☞All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls are true to name and pure of the kind.

GEO. A. DEITZ.
Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the SURPRISE OATS, we invite all who wish these desirable articles, in order to secure them for *this Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of this most valuable Clover; also, just received.

WARREN & CO.
FARMER Office.

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near Market

SAN FRANCISCO,

IMPORTER

—AND—

JOBBERS

OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools,

ROPE, STEEL, POWDER, FUSE, SHOT, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMP

Patented by J. A. Merrill, 29th, 1867.

THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.

☞Agents wanted for this and County Rights for sale.
30-63m

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the articles they have to sell are wanted by those who have delayed to the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a great amount of trade by this delay.

Agricultural Implements, Trees, Seeds, Fruits and all other goods should be advertised in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their trade largely increased by giving attention to this, and particularly in everything appertaining to Agriculture and Horticulture.

Newsposters and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* the life of trade."

To Take Charge of a Place

A young man with some capital (from $300 to $) can hear of a good opportunity to take charge of a place and have an interest if he desires.

A person somewhat acquainted with the nursery business is preferred.

No one but a steady and industrious young man need apply.

The applicant must be able and willing to work, have a love and taste for rural life To such a one a good chance can be given.

Address C. & F.
Care of FARMER Office

Horticulture.

THE VINE IN EUROPE.

OBSERVATIONS BY AN AMERICAN VINE GROWER.

Letter Number Two.

SWITZERLAND.

Leaving Switzerland for Italy, you do well to leave the valley of the Rhone at Brieg, and commence the ascent and passage of the Alps by that magnificent road constructed by the first Napoleon, known as the "Simplon Pass."

You leave behind you the region of cultivated fields. You see no more the vine or vineyards, and are shortly in the land of eternal snows and ice. You pass by the wonderful galleries and arcades, made to resist even the avalanche, over the sublime impassible steeps of these magnificent mountains. As you approach the summit you pass the houses of refuge erected for the help of storm-stayed travelers, and the Hospice of St. Bernard, with its monks, and the celebrated race of the breed named after their order, right on the very summit of the pass, with the enormous glacier of the Simplon overhanging the mountain behind it, while quite near you is the majestic Monte Rosa, with its whole top capped with an enormous glacier that overlaps and rolls down like a mantle on its enormous shoulder.

Looking forward you see, at the great distance spread out before you, the beautiful fertile fields of Italy, and behind, you take your last look at the Valley of the Rhone and of French Switzerland.

Descending more rapidly than your ascent, you soon leave the uncultivated heights behind you and come by this route to the Italian Frontier and enter shortly

INTO ITALY.

On the Italian side of the Alps, even while you are still in Switzerland, the grape, the vine, and vine culture seem wholly Italian, differing as widely in their characteristics as the people themselves; and on all the Italian slopes of the Alps down to the plains of Lombardy, the vine and its treatment is wholly different from that upon the French side.

The vine on the Italian slope is planted in rows, about twelve feet apart, and often a much greater distance, and these vines are suffered to grow to the height of six or seven feet, and then they are tied out on a rude arbor, usually six or eight feet from the ground, so that the fruit is picked from underneath this overhanging arbor, and from above the head of the picker.

Now in many vineyards the vine staked out laterally from the row, and trained and cultivated to the lateral stake, instead of an overhanging arbor, this culture was exceptional and the former almost universal.

This method of culture was in vogue at Domo d'Ossola and all the villages after you pass the Italian frontier, on the Simplon route over the Alps, and indeed all through the country of the Italian lakes which are surrounded by mountains.

It is safe in speaking of Italy to say that this culture is universal on all the southern slope of the Alps, and for the whole of Northern Italy in the region of the mountains, and until you strike the beautiful and fertile plains of Lombardy, where it wholly changes.

In the valleys of the rivers that flow down from the Alps into the lakes of Italy the silk worm is largely grown and constantly in connection with the vine. The vine will be planted in rows trained on its arbor trellis; then a row of the mulberry trees will be planted, twenty to thirty feet apart, and sometimes even more, and often-times crops of cereals will be grown in the strip of land between the row of vines and the row of trees.

The vine itself is wholly different as you reach Italy, and is very much larger and more luxuriant than in France or Switzerland.

The contrast is extraordinary in the vine between Italy and the French portion of Switzerland.

In a ride between Domo Dozola and Baveno, on the Maggiore, as I drove along the valley of the Toce River, grape vines at least seven inches in diameter, looking almost like trees, which, I have been told, were not as old as the Swiss vines I examined at Sion, a century old, but not two inches in diameter.

The vine in this portion of Italy more resembles the strength and luxuriance the vines in America usually spreading and reaching over a large tree, more luxuriant and strong in growth than I found in New York or the celebrated vineyards at Hammondsport, N. Y.; more like the vines I have observed in Kansas or have heard of as in California.

IN NORTHERN ITALY.

Before you leave the mountains and strike the broad and beautiful plains of Lombardy, which seemed to me to be the very garden of Europe, I encounter a wholly different method of culture.

In accordance with, this is the most fertile, productive, and highly-cultivated land of all Europe. There is in America no cultivation of soils that I am familiar with, except in gardens or in single exceptional instances, that at all compares with the cultivation of Italy.

Throughout all this extensive and lovely country, in rows of from sixty to one hundred feet, the mulberry tree, which is always trimmed off at the top, and which, no matter how old, is never allowed to grow high. These trees are planted usually from twelve to twenty feet apart in the row, and between these rows of trees crops are planted and grown of roots, cereals, and in some cases grass and even meadow. The face of the country, therefore, resembles one vast orchard, or rather garden, with the mulberry trees set thus regularly and carefully throughout it.

At the root of each of these mulberry trees are planted the vines, and never less than three roots and sometimes as many as even seven or eight are thus planted at the base of each of the trees, and the vine trained direct into the tree. The tree and the vine oftentimes planted at about the same time grow thus together, the tree even supporting the vine and bearing the burden of its fruit.

This culture prevails about Milan, Florence, Genoa, Turin, and indeed, all of Northern Italy. In some parts the tree thus supporting the vine was willow, and sometimes fruit trees, but with occasional exceptions near Florence on the hill sides, and in some parts of Tuscany I observed no other culture.

There is much to be said in favor of this culture, as the grape thus allowed to spread and planted so sparsely must needs produce enormously, as all know who have observed in our own country what astonishing results are very often seen from a single vine when thus allowed to grow into a tree.

It is very ancient at all events, for the old classic writers, in speaking of the vines, often allude to them as growing in the trees, and for centuries this has been the Italian system of culture. The system of close pruning, as practiced in France and Germany, is wholly discarded, and the soil is nowhere devoted, so to say, exclusively to the vine, but ever used for crops and for the silk worm, whose labor forms a very important product of Italy.

In many parts of Italy the vine thus planted is festooned from one tree to another in the row, by the extension of the growth of the plant, so as to connect the whole row of trees by the most graceful festoons of the vine, and nothing can excel the beauty of this manner of culture, as the distance the trees are apart make the branches of the vine bend down and form the most graceful and picturesque effects.

THE WINES OF ITALY.

While it cannot be for a moment disputed that Italy possesses by far the most favorable climate and natural facilities for the culture of the vine in the highest perfection, it must be as certainly conceded that her wines are far inferior to those of France or of Germany.

The result of my observation led me to attribute this result to three causes.

First—The culture itself; being planted so sparsely, trained so high, with little or no pruning, and consequently with little care, is not calculated to save and husband all the best qualities of the fruit.

What could be expected of a vineyard in this country which would be suffered to run so at large and to waste, with the use of the knife almost wholly ignored.

Second—There can be no question but that the system of planting crops between the vines, and raising the cereal products of a country from the same identical soil that produces the fruit, must enervate the grape; and what is worse, doubtless, make its culture and production secondary, in the mind of the proprietor, to his other crops.

A vineyard to be brought to the highest perfection should be planted to the vine alone, and it should be asked to produce nothing else but the grape. Again, this mixture of husbandry with the work of the vineyard strikes at the necessary elements of cleanliness, care, and delicacy of handling the wine, which is not found in Italy, and which in France and Germany are deemed absolutely and indispensibly essential to success in making a good wine.

Third—Italy, mainly for political reasons, and on account of her anomalous and peculiar position, has not been an exporter of wines to a large extent.

She has had an enormous home consumption, which she has always supplied.

She has thus lost one of the great incentives to excellence in the production of her wines, and this has perhaps been one powerful reason why so low a standard of excellence is maintained in the manufacture of wines in Italy.

The grapes are never carefully separated as in France or Germany. The fruit, ripe and unripe, sound and unsound, is taken and all crushed together, and all varieties promiscuously intermingled and trodden, the press being rarely used. They are then turned into vats, usually that have remained uncleaned from the last year's vintage.—They will not suffer the wine to ferment separately and undisturbed, but often they will add new must to that which is undergoing fermentation, when fermentation is at its height. In short, all those essentials which in France are esteemed indispensable to good wine, are ignored in Italy, as a rule; but there are some exceptions, and, consequently some most excellent wine is produced.

If the culture was as carefully conducted, and the same treatment of the must observed as in France, there can be no question but that very superior wines would be produced, for the climate is neither equalled or excelled in all Europe.

Some idea may be formed of the extent to which the vine is cultivated here when the enormous quantity necessary to supply the home demand is considered, to say nothing of the production for purposes of commerce.

Throughout Italy, as indeed the most of Continental Europe, the bottle of wine is ever placed on the table at meals by the side of each plate. It occupies there, as prominent a place as water does at our own.

Water is very rarely drank except it is mingled with wine, and all drink wine at meals—men, women and children—and it is very rare to find in Northern Italy any so poor but that they can take the common or ordinary wine with their food.

If that meal consisted of only bread, it would be washed down with "vin ordinaire."

What lager is to the German, ale or porter to the Englishman, wine is to the Italian.

The use of spirits, as whisky, rum, gin, or brandy, so universal in Great Britain and many parts of Northern Europe, is quite unknown in these countries, and the contrast between these people and the gin and whisky drinking poor of Great Britain, so far as temperance is concerned, is very marked and very much to the credit of the former.

While the wines usually served at table in Italy are poor, there are good wines in this country.—That splendid wine grown at Naples known as the "Lachryma Christi," is too well known to be lost sight of. It is called "The Tears of Christ," and is the wine which, after drinking, a Dutchman is said to have exclaimed, "O Christ, why didst thou not weep in my country."

There are some brands of very good wine made in the Roman States, as the "Albano," but perhaps the best wines produced in Italy are those of Tuscany, where more pains are taken by certain proprietors in the manufacture, and where particular vineyards and brands have established reputations based mainly on their assimilating more to French methods in the making and treatment of their wines, and where all the essentials of cleanliness in the casks, care in the fermentation and in assorting the ripe and unripe fruit, are as carefully considered as in the most celebrated of the French or German vineyards.

CLARK BELL.

LAKE

VINEYARD WINE

COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade-mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,
May 1st, 1869. San Francisco.
31-16

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

New Advertisements.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

Agents Wanted - - - - - $10 a Day.

TWO $10 MAPS FOR $4.

LLOYD'S

PATENT REVOLVING DOUBLE

MAPS.

Two Continents, America and Europe, and America with the United States portion on an Immense scale.

Colored—in 4000 Counties.

THESE great Maps, now just completed, 64 x 52 inches large, show every place of importance, all Railroads to date, and the latest alterations in the various European States. These Maps are needed in every School and family in the land—they occupy the space of one Map, and by means of the Reverser, either side can be thrown front, and any part brought level to the eye. County Rights and large discount given to good Agents

Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand

31-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

Valuable Patents

FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us.

WARREN & CO.,
11 Farmer Office.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Miscellaneous.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisco.

THE UNDERSIGNED WILL LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessee for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acres as Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most easonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
51-3 Third floo

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of these extensive Orchards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3- EDITOR FARMER.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,

Or GEN. JOSIAH HOWELL, Sacramento City.

A Young Man Wanted!

A live Young Man wanted—one who wishes to do *his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish collections of choice plants, can buy them in quantities at a very low rate, if they visit the *Garden Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....JUNE 17, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best edium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with a paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

We give this week a sketch, relative to the "Coming Crops," and also our "Home Finances," from our Cotemporary the Commercial Herald and Market Review, one of our most reliable Journals; we do this to show that other and leading Journals take the same view of these subjects that we do.

We note our Letter from "Jennie Dare," and reply yes! We have the Beautiful Nemophila as a wild flower, over our broad Prairies, and *Geraniums* and *Fuchias* grow here ten and fifteen feet high in the open ground.

If Jennie wishes to see Beautiful Flowers, California is the place for such a view.

We call special attention to the article on the "Eyes." It is all important and especially to those Parents who are reckless of their childrens' welfare and permit them to sit up night after night to a late hour and read. Their after years will tell in days of suffering.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

BOOKS RECEIVED.—"Farm Implements and Machinery."—This is truly a practically useful book, and just published by Orange Judd & Co., of New York.

This book furnishes all the needed information relative to the principles of construction and use with simple and practical instructions and explanations of the "Laws of Motion and of Force, as adplied to the farm.

J. J. Thomas Esq., is the author of this book, it contains nearly three hundred illustrations, embracing all the principle implements used by our Farmers. A. Roman & Co., have the work for sale in this city.

"FARMING BY INCHES, or with Brains Sir" This is a capital book, it has some very good hits at guess Farmers, and is very witty and pungent; it should be universally read, even by those who never yet gave much brains to their business.

The book is made up of familiar conversations, and is practical in its nature and will do good.

The book is by the author of "My Ten Rod Farm," "How I became a Florist etc.," published by Loring, Boston and sold by A. Roman & Co., of this City.

HOW TO READ CHARACTER.—This is one of the books issued by Saml. R. Wells the well known Phrenologist of New York. It is a hand book of Physiology, Phrenology and Physiognomy, and is fully illustrated, it is indeed an interesting, instructive and useful book, and will prove valuable to all who will read it attentively—for sale by A. Roman & Co.

We acknowledge many Pamphlets and valuable Reports, from the Agricultural Department, at Washington D. C.

We have the Circular of the Tax Payers Union, setting forth their plans of action, relative to Political Conventions, and their plan of general action for the People.

It is certainly high time that the *people* should take an interest in the Government for Harpies have controlled it long enough.

ANATOMICAL MUSEUM.—We acknowledge the receipt of a very courteous letter, and card of invitation to this most interesting and important Institution of Knowledge.

Most earnestly we commend this Museum to all, for we should certainly learn all about "The House we Live in."

BATTLE OF BUNKER HILL.

This is a Day *Sacred to Liberty*, and a day that should be kept in perpetual remembrance by every lover of human freedom.

Ninety-four years ago this day the *Baptismal Blood* of American Liberty and Freedom was poured out upon the memorable heights of Charlestown, where now stands the lofty and noble Monument, completed through the noble efforts and influence of woman as her consecrated tribute to Liberty.

We remember well that memorable day when the Corner Stone was laid. We remember, too, the presence of that Noble Patriot and companion of Washington, the Marquis d' Lafayette. His presence drew out on that day the people of New England and the Middle States by the tens of thousands.

Although this was long years ago, we were most deeply interested, and performed military duty, and felt it a great honor to join in the escort of the Noble Lafayette.

We shall never forget that event or the scenes of those long bygone days. We were very fortunate in being near to the Orator on that occasion, the renowned Webster, and we shall never forget his most brilliant oration; his closing words still thrill the pulsations of our life-blood.

Webster when about to close, pointing to the battle ground, to the noble companion of Washington near him, Lafayette, the *Guest of the Nation*, and alluding to the Monument which had there been consecrated by the foundation stone.

Webster then said, as he raised his arm and with his finger pointing eastward, then westward, in his most thrilling tones he spoke of the future of the rising Monument until it should be finished, and said when the last stone shall be laid, "The morning sun shall gild it with its beams, and its last lingering ray shall play around its summit."

These words were uttered forty-four years ago, and his words have been happily verified.

We feel that we could do no less on this memorable day than to give the beautiful Poem of the gifted "Pierpont," which was written for the occasion, June 17th, 1825.

BUNKER HILL.

O, is not this a holy spot!
'T is the high place of Freedom's birth!
God of our fathers! is it not
The holiest spot of all the earth?

Quenched is thy flame on Horeb's side;
The robber roams o'er Sinai now;
And those old men, thy seers, abide
No more on Zion's mournful brow.

But on *this* hill thou, Lord, hast dwelt,
Since round its head the war-cloud curled,
And wrapped our fathers, where they knelt
In prayer and battle for a world.

Here sleeps their dust; 't is holy ground;
And we, the children of the brave,
From the four winds are gathered round,
To lay our offering on their grave.

Free as the winds around us blow,
Free as the waves below us spread,
We rear a pile, that long shall throw
Its shadow on their sacred bed.

But on their deeds no shade shall fall,
While o'er their couch thy sun shall flame;
Thine ear was bowed to hear their call,
And thy right hand shall guard their fame.

TRIAL OF THE STEAM LOCOMOTIVE.

BAXTER'S BIG WONDER.

A public trial of this machine will be given on Saturday next, June 19th, in Stockton.

A threshing machine and set of Derrick forks will be operated by the Engine after its hauling and locomotive powers have been thoroughly tested.

Farmers and Mechanics from all parts of the State, are invited to be present and witness the triumph of this great mechanical Invention.

The Stockton Daily *Independent* of June 14th, speaking of the first trial, says:

"'Baxter's Big Wonder' steamed up again on Saturday and traveled about for a considerable length of time in the city, dragging after it two large threshing machines and another steam engine. The streets were thronged with people, who gazed with profound astonishment at the modern juggernaut moving slowly along, a tower of strength. It terminated its journey at Webster Brothers' Agricultural Warehouse, on El Eorado street, where the crown-piece was removed from he smoke-stack, so as to allow the machine to tenter the building, when steam was again put on and the machine, without any apparent difficulty, moved up the steep ascent, dragging the train of machinery after it into the building. Three cheers and a tiger were given by the crowd present for the novel machine and its inventor, which was acknowledged by a shrill whistle from the locomotive in response to the compliment."

COMPLIMENTARY, *Santa Clara College*.—We acknowledge a most courteous invitation to the commencement exercises of the Santa Clara College of the 22nd and 23rd inst., and we anticipate a *Rich* intellectual feast.

TURKISH BATHS.—We have received a complimentary card of invitation, to the New Bath House of Dr. Zeille, which is to be formally opened on the 19th, (Saturday) after the style of the *Turkish* and *Roman Baths*.

Dr. Zeile stands high as skilled in this all important aid to health and long life. We assuredly wish success to this enterprize.

SANTA CLARA COLLEGE.

This highly distinguished College announces their *Eighteenth* Annual Commencement and Exhibition, to take place on Tuesday and Wednesday of next week, the 22nd and 23rd inst.

It is wholly unnecessary for us to speak words of Praise for this Institution, for it has already *won the highest honors*, by the most excellent system adopted by the Fathers in Educating their Pupils, and by the many most highly educated students which have graduated from this College.

The Santa Clara College has the finest buildings, the most valuable Library and the most complete Philosophical Apparatus of any College on this coast.

In addition to these, all the various Sciences are thoroughly taught by practical labor in all these sciences, Astronomy with an apparatus complete: Electricity with the most powerful apparatus known; Botany with Herbornius Plates and Books, the best known; Mineralogy with a cabinet of Minerals of rare beauty and value, and so with all departments of Natural History. Electrotyping, Photography, Printing, Military Science, Gymnastics, Physiology, Phrenology, Physiognomy, Painting and Music are here perfected, and the other Literary studies in the College, and to these the *Drama*, is added.

It has been our pleasure to be present at the Exhibitions of this College for the last successive thirteen years, and we can attest to the excellence of this College and its management, and the great proficiency of the students.

The Programme of the Exercises sent us, offers a general "Literary Feast," which must be a source of pleasure to all that attend.

The San Jose morning cars will take passengers in due time for the opening Exercises of Tuesday the 22nd. It is to be hoped that all who desire to witness most interesting College Exercises will be present, as this is the season for a visit to the country, and Santa Clara is one of our most beautiful, as well as one of our most prosperous Vallies, and the Santa Clara College is one of the best and most complete Colleges of the Pacific Coast.

THE GREAT PITCHER.

Whoever passes along Sansome street or Washington street to the Market or Post office, cannot fail to notice the Mammoth Pitcher of Messrs. Haynes & Lawton, which stands upon the extensive Crockery and Glass Warehouse, near the corner of Washington and Streets.

Messrs. Haynes & Lawton are among our early *Pioneer Merchants*; in their present business they are indeed Pioneers, for their Crockery Store has been known for long, long years back to early date, and their business and New Manufactures, added to their trade, now places them in the front in their line.

Messrs. Haynes & Lawton have greatly enlarged their premises, making a spacious Warehouse of two stores, and is two stories high with basement, so that with their large stock, they are thus enabled to supply not only families, but Hotels and Public Associations with a complete outfit at short notice, as the stock of this house is very complete.

The Crockery department offers from the Richest Dinner Set of near a Thousand dollars each, downward to those for families of the ordinary means, and Coffee and Tea Setts to match; many of these are made *to the order* of this house exclusively. Cut Glass and China Wares in extensive collections, Cutlery and Table Wares of the very best style, Ornamental Statuary, Vases &c.

A Department also for Glass Lamps and Lamp Wares, Brittania Wares, Water Coolers, Butter Jars and all family wants of the kind. A Department for Time, and family Time keepers of all needed Patterns, and to all these are added *Preserving Jars* so very necessary at this present moment, when fruit is in its best condition.

We found much to interest us in the *Plating Manufactory*. This is the Pioneer Establishment of this kind of work to any extent, and the wares furnished here are worthy special notice of all Housekeepers. We examined some of the New Wares now being finished, most of them are superb designs. Tea and Coffee sets, Cake Baskets, Castors, Pitchers, Goblets, Spoons, Forks, Soup, Butter and other Spoons are patterns entirely new and never before shown here and made for this firm expressly. Tea setts of six pieces at about $70, equal in beauty to solid silver costing $400, Castors $12 to $20, equal to those of $150, and other wares equal.

Many of these things would be excellent *Premiums* for our Fairs. the best of workmen are employed by the firm, and their business is certainly increasing. H. & L. have also a spacious store in Stockton, and they have just furnished the New Hotel Yosemite, with their Crockery, Glass and Silver Wares, having their own express wagon, they send goods to steamers and Railroads free.—We urge our friends from the country to visit this Warehouse when in want of goods.

DISTINGUISHED ARRIVALS.

These words will now form daily paragraphs in all the Journals of the day, for, from this time henceforth not a week or a day, but we shall be agreably surprised by the announcement of "Distinguished Arrivals," for when we consider that it is only a weeks journey from New York to San Francisco and fifteen days from Paris or London to *our* City, we need not be surprised if everybody comes—they shall be welcome.

FIREWORKS.—As the Fourth of July is near at hand, those who intend to celebrate that glorious Jubilee with the usual night illumiuators, with rockets and other brilliant fireworks, should by all means give their patronage to "Home Manufactures," and these can now be had as well as be seen, by the card of A. GEORGIANI on Washington street, who is one of our Old Pioneers, and whose manufactures are equal to any made, besides he will sell them on the most favorable terms.

SHIPPING FRUIT EAST.

We are in receipt of many letters making inquiries relative to the ripening of certain kinds of Fruits, the quantities raised here, the localities of such fruits, also the cost of Freight between our city and the principal Fruit districts and Chicago.

We have also many inquiries relative to the period of *ripening* in the different sections of our State, as it is now well known that we have the same fruits ripening at different periods at different points

These and many other inquiries show us conclusively that there is a spirit of earnest inquiry, and also a determination by people abroad to avail themselves of our Fruits for shipment to the Eastern section, and it will be well if our Fruit growers shall make themselves acquainted with these facts and be prepared for the active enterprise that awaits them in this *new branch of business*—that of supplying the markets of New York, Boston, and Philadelphia, *with* the Fruits of California.

This business, however, cannot be entered into without *brains*, nor can speculators *go it blind*. It will require knowledge, good judgement, and a cash capital. With these pre-quisites, and a good partner at both ends of the route, a good and profitable business can be made of it, and one of permanency too.

In our next we shall give time of *ripening*, and the kinds best to send East.

THE HOMESTEAD BUSINESS.

The number of homestead associations which have been formed in San Francisco from 1861 to date, according to the *Real Estate Gazette*, is 166, aggregating a capital of $18,047,470. Most of these associations have been profitable to shareholders, as well as to the persons who organized them. This was owing to the low price of real estate in the city when these companies were instituted, lots having since advanced in some cases to an extraordinary extent. The organization of homesteads was first undertaken in San Francisco for the purpose of making available outside property, but it has now been extended to the division of farming lands, and with a view to selling the same at extraordinary profits. It has become the duty of purchasers now to study the value of lands in which they propose to invest their money.

The *Bulletin* is wise on the Homestead Business. It is all very well to have a lot 20x100 in the city, but when we live in the country we want a place big enough to swing a cat round.

SUMMER FALLOWING.

The good effect of summer fallowing for wheat is shown by the favorable comparison it makes with the volunteer crops in the same vicinity.—Volunteer crops in dry seasons have generally done better than was expected, while spring sown have disappointed the growers. On Maine praire, says the Solano *Advertiser*, the summer fallowed adobe lands will yield a splendid crop of grain this year, while volunteer crops will be light. This is only one of many instances in which farmers have met with a handsome reward for the labor they have bestowed on their lands in summer fallowing.—The practice is more extensively followed every year, and if there is any farmer who has not yet given it a fair trial he should not neglect doing so another year.

We take the above paragraph from the *Bulletin*, and rejoice to see them talk so earnestly about "Summer Fallowing," The California *Farmer* has been urging this system for over *Twelve years*, and always foretold success.

OUR EXPORT OF WHEAT.

The wheat deficit of Great Brittain, always comparatively large, was less than usual in 1868, and the imports were consequently reduced from 34,645,569 cwts. in 1867 to 32,639,768 cwts., or 60,927,566 bushels. This country has advanced its position to the second place, displacing Prussia; Russia still occupying the first in supplying the bread deficiency. The United States sent 5,908,149 cwts., or 11,028,544 bushels. This is quite as much as could be expected in the present condition of production, more than the future will probably average, and more perhaps than is desirable to send abroad, as we can never expect to gain anything but the impoverishment of lands and the dwarfing of national industries by exporting cereals or other bulky products of agriculture. The export, respectable as it is, is but 18 per cent. of the receipts of Great Britain from foreign sources.

In addition to the wheat, the amount of flour imported was 3,093,022 cwts., which is a slight decrease. Of this the United States sent 676,192 cwts., or 386,395 barrels, equivelent to 1,931,975 bushels, which added to the unmanufactured grain would swell our wheat exports to 12,960,579 bushels.

SILK AND GRAPE CULTURE.—The Nevada Sericulture and Vinicultural Association has filed a certificate of incorporation. It is organized for the purpose of buying and selling land, engaging in the culture of the mulberry tree, raising eggs and silk worms for market, manufacturing silk and cultivating the grape in the county of Nevada. The Capital Stock is $25,000, divided into shares of $500, each. The Trustees are John Cashin, W. L. Tisdale, R. M. Hunt, E. F. Bean and I. Williamson. The Assoceation was presented with 160 acres of land.—*Sac. Bee, June 12.*

A NICE CUP OF COFFEE.—Those who may desire a very nice dish of Coffee made quick, easy and delicious and made upon the table as you want it should call at Mr. Kohler's Music and Fancy good Warehouse, cor. Sansome and Clay streets, and see a great curiosity, and a new and valuable invention to *make a nice cup of Coffee*.

—The Thirty-Second Volume of the FARMER commences in July.

GRAND PEACE JUBILEE.

The Telegraphic Reports give us the following as the opening services of this wonderful occasion:

BOSTON, June 16.—The Peace Jubilee was inaugurated this afternoon. The programme was exactly carried out. Rev. E. E. Hale asked the divine blessing; Mayor Shurtleff delivered the welcoming address and Hon. A. H. Rice pronounced the oration. Admiral Farragut, Commodore Rogers and many other distinguished persons were present. The chorus and instrumental performers number from 10,000 to 12,000. The audience probably number 25,000, notwithstanding a heavy shower. The view from the balcony is beyond description. Nothing like it was ever seen on the continent. The view embraces three and a half tiers of heads. The opening chorus was by 10,000 voices, the orchestra was composed of 4,000 instruments, and the grand organ was under the direction of Gilmore; the vocalization was as distinct and clear as a church choir. Parepa Rosa and Ole Bull were among the performers, and they were greeted with simultaneous applause from the audience and performers. The *Anvil Chorus*, given by the whole force, with 100 anvils and artillery accompaniments, created intense enthusiasm, and the audience demanded a repetition.

The national air, *My Country, 'Tis of Thee*, was the last piece, and was sung by the whole chorus with all the accompaniments, including the organ, full orchestra, big drum, etc. The chimes of artillery was the crowning success of the day. The audience stood in their seats, abounted and made extraordinary demonstration. The last piece was repeated by the whole mass of performers, and again at the conclusion there were repeated shouts both from the audience and performers.

The building was soon vacated. Every paper is loud in praise of the success of the inaugural day jubilee.

TROPICAL FRUIT.—We would call the attention of our readers, to the notice in this week's issue of A. Georgiani, who is largely engaged in the Importation and Sale of Tropical Fruits; on Washington streeet near the Post Office. Mr. Georgiani has been engaged now nearly thirty years in the *Foreign Fruit Trade*, abroad and in this city, and has made himself familiar with it.

Mr. Georgiani is now one of the largest dealers in our city in the fruit trade, and is always prepared to offer the Choicest and Best Fruits, and had on the very best terms—dealers in the country would well to call on him when in the city.

YOSEMITE HOTEL STOCKTON.—This is a New Hotel, completed and to be opened on Wednesday next. This Hotel was very much needed at Stockton, as the place is growing very rapidly. Travellers for Yosemite and the Big Trees now have a "Good Home."

The Yosemite Hotel will be a popular and favorite Hotel, and must be a success.

TO OUR SUBSCRIBERS—DELINQUENT.

Those who have received bills from us and who know they are indebted to this office, would desired to remit to us without any further delay.

We commence our New Volume—*Thirty-Two*—in a few weeks, and desire to make many improvements, and it is only an act of *Justice* that the indebted aid us in this our work, cheerfully promptly, and save us the trouble and expense sending these Bills through Expressmen or city collectors, or put them to any expense.

There are Bills sent out a long time since these *must be paid*.

Those who promptly respond to our call, we shall esteem our friends and cooperators, and shall record their names gratefully as such. Those who neglect this call will be sure to hear from us again.

WHO MAKES SCRAP BOOKS

'Tis said "In the making of Books there is no End," and we know there are many persons who are always interested interested in Scrap Books, and now to all such persons, we have some very important information which will benefit them.

It will be seen by our advertisement of NEWSPAPERS FOR SALE that we can furnish *right material for Scrap Books*, for we have a collection of Old Newspapers, a series of years of 10 to 16 years and from every State in the Union, and also European papers; also scientific and literary papers, Journals of all kinds. In these papers will be found much of the Poetry of the age, also Stories, Anecdotes, Recipes &c., all very valuable, and these we offer at the low rate of $2.50 to $3, per bale. Many of these are 12, 16 and 20 page papers and magazines and other periodicals, those who want these collections will address

EDITOR CAL. FARMER.

FLORENCE

The FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco working well, I will fix it for nothing and all express charges.

SAMUEL HILL, Agent,
111 Montgomery street.
San Francisco.

31-19

SPLENDID CASHMERE GOATS

We Invite the attention of all who desire to purchase PURE BLOOD Cashmere Goats, to call and advise with us.

We have a List of the SPLENDID GOATS Imported by Hon. I. S. Diehl from Asia, and having been appointed to act for him, we are now ready to fill orders for the same.

As the value of this fleece is now steadily increasing in demand, we shall soon have more for the manufacture of the same.

Address EDITOR FARMER.

THE CALIFORNIA FARMER!

OUR THIRTY-SECOND VOLUME.

In the opening part of the next month we shall commence our THIRTY-SECOND VOLUME of the

"California Farmer."

It now numbers more and we begin the closing volume of our SIXTEEN YEARS' LABORS with this number.

We do not feel that it is necessay we should come out with any new promises of what we will do for the *Cause of Agriculture* and its kindred interests, for the past must speak for us; and those who can look back to the time when we launched our little bark, will now justly recognize what has been done to advance this great and important source of wealth to our State by this journal during these long years.

One thing we do know, "*We* have done what we could" and we hope with our New Volume to enroll many New Voluntary Subscribers. For all past cooperation we shall ever be duly grateful.

We return our most sincere and heartfelt thanks to all our Patrons for their many kindnesses, and hope to continue to walk with them many years in the pleasant scenes of Rural Life and Rural occupations.

The Terms of the FARMER will remain the same ($4 per year, $3 for six months, (gold price,) and $1 extra when payments have been delayed; but these terms are unchangeable. A liberal allowance for clubs; when five copies are paid for, six copies will be furnished.

WARREN & CO., Editors and Publishers,
320 *Clay St.*, San Francisco.

TEN REASONS WHY EVERY FARMER AND STOCK-RAISER SHOULD TAKE THE "CALIFORNIA FARMER."

1. Every Farmer and Stock-raiser should be a reader of the Journal connected with the interests of his own profession in his own State.
2. Every such person should give his sanction and support, generously and voluntarily to a Journal that advances his own particular business in his own State.
3. Every such person is *benefited* by the publication of such a Journal, and is in justice bound to reciprocate such labors.
4. No person engaged in these employments can be without such a Journal without the loss of many times its cost annually.
5. The Farmer and the Stock-raiser will always be better advised of the markets, and that kind of information so important to his interests by constant access to a Home Journal.
6. The *California Farmer* has faithfully advocated the best interests of the Farmer and Stock-raiser for nearly sixteen years, and is the *only Agricultural Journal in California.*
7. The *California Farmer* contains the most important information relative to these interests in every branch of Agricultural science.
8. The *California Farmer* contains the announcement of all New Seeds, Grains, Grasses, etc., together with all New Implements that will advance the cause of the cultivators of the soil.
9. The *California Farmer* contains the arrival and introduction of all the best Stock of all kinds as soon as known, together with the full Market Reports of all the interests appertaining to Agriculture.
10. The *California Farmer* is now the *only paper* on the Pacific Coast that is continued by its *original Editor and proprietor*, commencing at the time this Journal commenced; and having been constant in its efforts for the good of these interests, deserves the cheerful patronage of all good men.

TO THE MEMBERS AND FRIENDS OF THE

Mercantile Library Association.

The very heavy expense attending the Erection and Furnishing the New Library Building, has very much embarrassed and is seriously injuring the working Issues of the Association, and we find ourselves really in very great need.

Will every one who feels at all grateful for the favors and benefits furnished by the Association, make some personal effort to render the load of those assisting upon us less burdensome?

The most practical and best means of doing this is by increasing the number of Subscribing Members, thereby increasing our source of revenue and extending the benefits of the Library to a much larger number than at present.

Every one has it in his power to do something for the general prosperity.

Then give the Library something more than initiation fees and quarterly dues, and an earnest effort is made to each and every member to assist. Get, at least, one new member; many can do much more, but be sure that you at least get one.

By order of the Board of Trustees,

THOMAS R. HAYES, Rec'g. Secy.

San Francisco, June 8th, 1869.

THE BEE-KEEPERS' JOURNAL,

And Agricultural Repository.

Large and handsome monthly, at $1 a year. Specimen numbers sent. Edited by Homer A. King, and Ellen S. Harmer, author of "The Bee-Keepers' Text Book," which has reached its eighth edition, having had a sale of 16,000 copies in two years, and the most practical writer on Bee-culture. A specimen number and liberal premium offers and "Hints to Bee-keepers" sent free. Write now and not forget it. Address

H. A. KING & CO., Nevada, Ohio.

Established in 1859, and thereafter in New York City.

New Advertisements.

PIONEER CROCKERY

WAREHOUSE.

HAYNES & LAWTON

SELL AT

WHOLESALE AND RETAIL,

CROCKERY,
GLASS, AND
CHINA WARES.

OUR SILVER-PLATED GOODS

Are all Plated by the

Pacific Plate Works,

For which we are Agents, their Manufactory being upon our premises.

TEA SETTS, CASTORS, & CAKE BASKETS

Can be had Plated as heavily as desired.

OUR SPOONS AND FORKS

Are all stamped with the name

"PACIFIC PLATE WORKS,"

And are fully guaranteed.

Orders from the interior, and letters asking information, will receive immediate attention from us,

The most careful packers are employed, and no difficulty need be apprehended in having goods reach their destination in good order.

HAYNES & LAWTON,

216, 218, 220, SANSOME STREET,
SAN FRANCISCO,
And 183 Main Street, Stockton.

31-21

PRESERVE JARS.

The Best Patent Preserve Jar Manufactured.

MOORE JAR.

FOUR SIZES:

Pint, Quart, Three Pint and Gallon

HAYNES & LAWTON,

216, 218, 220, 222 Sansome st. Francisco,
183 Main street, Stockton.

31-21

FIREWORKS!!!

AT

REDUCED RATES.

A. GIORGIANI

FRUIT STORE,

No. 421 Washington St. opposite Postoffice,

Laboratory, Van Ness Ave. near Polk St.

A LARGE VARIETY OF FRESH

TROPICAL FRUITS

ALWAYS ON HAND.

31-21-1m

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a. our office, or addressing EDITOR FARMER,

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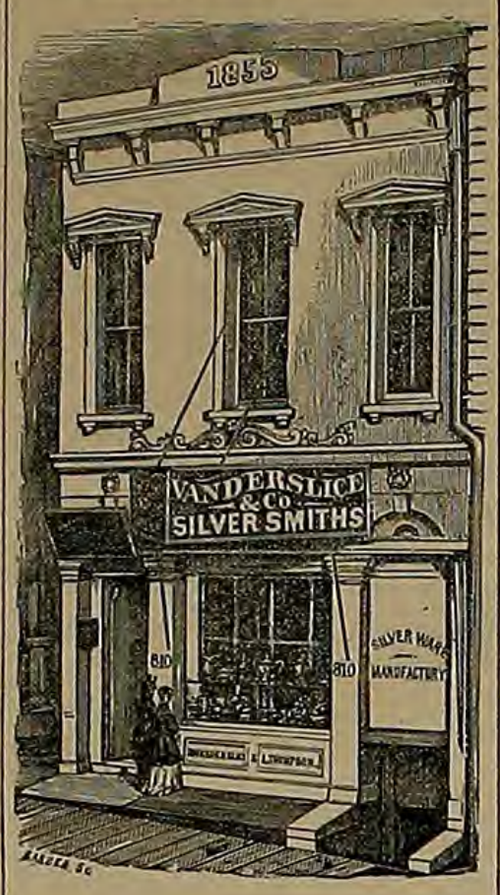
New Advertisements.

W. K. VANDERSLICE. L. THOMPSON.

SILVERWARE

MANUFACTORY.



We offer every kind and variety of Silverware of our own make, or made to order for purchs.

We have demonstrated that we can easily compete with Eastern or European manufacturers, and those wishing to purchase Silverware, if they will call on us, we will convince them it is so, and that they can purchase of us a BETTER ARTICLE and at LESS PRICE than the Imported Wares.

Orders by Express promptly attended to, and at as low prices as could be obtained if ordered personally.

Manufactory and Salesroom,

No. 810 MONTGOMERY STREET,

JUST ABOVE JACKSON.

☞ Goods sold at RETAIL as well as Wholesale.

W. K. VANDERSLICE & CO.

31-19

THE

AMERICAN

SUBMERCED PUMP

THE ONLY PUMP COMPOSED OF ALL METAL no Rubber or Leather packing. For ease of working, great power in forcing, with hose, constitute these for Irrigation, or as a Fire Engine, the greatest Invention now in use in the way of Pumps.

They are on practical exhibition at the Company's Warehouse.

Farmers wanting a Pump, and who cannot come and see their operation, will be sent a Circular giving full particulars of their great advantages by addressing the

Pacific Pump Manufacturing Co.

Nos. 211 and 213 California St.,

SAN FRANCISCO.

31-19

New Advertisements.

TO THE PUBLIC!!!

THE

SAN FRANCISCO

PACKAGE EXPRESS

COMPANY.

CAPITAL.....$100,000

IS ORGANIZED FOR THE PURPOSE OF CARRYing Passengers, Baggage, Packages, and Parcels from the different Railroad and Steamboat Lines, and delivering the same to any part of the City.

To our friends from the Country this system presents itself for their consideration. They can give their checks, etc. to our Messengers on the Cars and Boats and feel perfectly sure that all will be safely and promptly delivered, thus saving any trouble with Hackmen or Job Wagons.

The Street Cars run from all Depots to the different Hotels.

Fruit or other Freight consigned to our care will be promptly delivered, and Freight Bills paid.

Mark Care of

"S. F. Package Express Company,"

Commissions for the purchase of goods in this City especially solicited, and articles forwarded as directed.

This Company commends itself to the General Public. The same system has been long in operation in Eastern Cities with great success.

GENERAL OFFICES:

222 Montgomery St., opposite Russ House,

AND

211 and 213 California St., near Battery.

D. V. B. HENARIE, Pres.
T. A. MUDGE, Secy. and Treas.,
H. B. MURRAY, Supt.

31-19

GYPSUM. (Sulphate of Lime.)

This well known but most wonderful fertilizer has not yet been practically introduced into the Agricultural interests or before the minds of our California cultivators, for the reason that there was no supply, and because it was hard to make them believe our lands needed manuring.

The time, however, has arrived when, by the admitted fact of the deterioration of our soil and the lessening of crops, something must be done to restore the soil and bring it into that state of fertility necessary to make it profitable to cultivate the soil.

Gypsum is a compound of Sulphuric Acid and Lime, and the object of this fertilizer is the fixing of Ammonia, thus making it the direct food of plants, either by supplying the Sulphate of Lime or by its decomposition, affording the Sulphur so necessary to the due development of certain plants.

Sprengel's Analyses shows the quantity of Lime and Magnesia, Sulphuric and Phosphoric Acids to be very large in the following plants, and for these this fertilizer has no superior:

Wheat, Barley, Oats, Potatoes, Cabbage, Swedish Turnips, Clover, Beets, Turnips, and root crops generally; thus ensuring to a certainty its great importance to the Farmers.

Liebig's Natural Laws of Husbandry gives conclusive proofs of its superiority as a fertilizer on Clover and Grasses, furnishing details of experiments made by distinguished men in various parts of Europe.

According to the experiments made by Buckholtz, Gypsum is composed of *thirty-three* parts of Lime, *forty-three* of Sulphuric Acid, and *twenty-four* of the water of crystallization.

Gypsum is often called Plaster of Paris, but this is wrong—it only takes that name and character when it has been deprived of its water of crystalization by fire; there it becomes *Calcined Gypsum* or Plaster.

Gypsum for Dry Countries like California, will prove immensely valuable, as when used as a fertilizer in our hot and dry soil, its waters of crystalization are seperated by means of our hot climate and go at once to benefit the plants, while the Acids and Sulphate of Lime is taken up by the soil, enriching it to a very great degree.

The undersigned is now prepared to furnish this valuable fertilizer by the quantity to all who desire to try its well attested virtues.

CHAS. J. JANSON,
222 BATTERY STREET.

31-19

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have *"Tule Lands,"* for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

Miscellaneous.

JUST ARRIVED!

HALL'S IMPROVED

STEAM

THRESHING MACHINES

Having a Shoe with Selves 48 inches long, and the large

Iron Planet or Smith Horse Power.

ALSO,

Indianopolis STEAM ENGINES,

Made by Sinker & Co.,

TOGETHER WITH

PORTABLE STEAM ENGINES,

Expressly for Threshing.

PATENT SELF-OILERS

For Cylinders and other bearings, warranted to save one [illegible] mery used and have [illegible]th bearings always lubricated.

MACHINERY OIL AND AXLE GREASE,

Warranted not to gum.

Mower, Reapers, Headers, Etc.,

On hand and made to order, Grain Carriers or Drapers for all the different Machines, Header Belts or Drapers, Selves or Riddles, Screens, etc.

Extras of all descriptions constantly on hand

JOHNSON'S UNION

Washing Machine and Wringer,

The Best in use.

WM. LYNE,

115 and 117 Davis Street,

Between Sacramento and California,

SAN FRANCISCO.

31-19

ORNAMENTAL TREES.

The Oregon Fir Tree Association.

We are now prepared to Ship to all parts of the country, all the handsome varieties of the Fir Tree that so abound in Oregon. The trade of the Association is at present promising much greater success, especially on the Pacific Coast, than they have formerly anticipated. The nurseries of California do not seem to have adopted the Oregon Fir, only as we have recently taken some of their orders from them.

We find them to possess an attraction as an ornamental tree rarely equaled. The Yellow Pine and the Balsam Fir are the most popular varieties; the Yellow Pine the most hardy—thriving in almost any soil or climate. Our trade with the East is promising; our trees have arrived there in good condition and are growing.

The Association is prepared to supply a large demand for Trees, from six inches to four feet in length, but we cannot fill orders for any more than four feet.

Efficient Agents wanted in all parts of the country, to whom we will extend the most promising advantages. We shall be glad to receive a communication from any one who might desire such an agency, on the most paying terms, or from any one who may desire our Trees.

Orders for Trees to be set in the fall should reach us as early as October, and those for the spring supply as early as February.

We Ship none but perfect and healthy Trees.

All communications should be addressed:

REV. C. W. TODD,
Oregon City, Oregon.

To Hay-Makers!

The Great Stacking Fork.

WE OFFER TO THE HAY-MAKERS OF THE PACIFIC Coast, the Celebrated

HARPOON

HAY STACKING FORK

One of the best inventions of the age. With this Fork, A Great Saving of Time, Strength, Labor and Expense is made, as it is indeed a very valuable and important implement, both to Hay Makers and Grain Growers. This machine is used to load and unload Hay or Grain Waggons to Barn or Stacks, and is very extensively used at the East.

We have received a few of these Implements which can be seen at our Office. Having more on the way, we are prepared to take orders for them in quantities to suit the trade, as we have the Agency for the sale of them for the Pacific Coast.

Sample Implements, and all Particulars at our Office.

WARREN & CO.,
"Farmer Office," 320 Clay Street, up stairs.

CAST-STEEL DAIRY KNIVES

WE HAVE RECEIVED INVOICES OF THE CELEBRATED

Cast-Steel Dairy Knives,

Manufactured by D. G. Young of New York. We have them of all sizes, from those of FOUR BLADES to cut FIFTEEN INCHES, up to THIRTEEN BLADES to cut TWENTY INCHES.

These Knives are of very great advantage to Dairymen, and are worthy their attention.

For sale by WARREN & CO.,
"Farmer Office," 320 Clay Street, up stairs.

SUPERIOR MELON SEED

FOR LATE PLANTING,

We have just received from New York, a small Invoice of *Superior Melon Seeds*, of the following kinds for late planting.

PURE ICE CREAM MELON,
TRUE NETTED CANTALOUPE,
LONG GOLDEN MUSK MELON,
GREEN FLESH MELON.

Now is the time to plant Melons on our river-land lands, and on all alluvial soils; planted now, they spring into bearing quickly.

For sale at FARMER OFFICE, 320 Clay St., up stairs.

Home Miscellany.

REST.

Inside thy hand lieth mine,
And my cheek is touching thine;
On thy shoulder is my head,
And no syllable is said.

Then flies Rest into my heart,
Stir thou not lest she should start;
Let me hear the lulling song
Of gentle bird away so long.

Keep me folded thus to thee,
Let thy breath a language be,
Yet nor speak nor stir, I pray,
Lest white bird Rest should fly away!

—*C. F. Bates, in Galaxy.*

FORESHADOWINGS.

Pilgrim I am, and make my way alone;
Sometimes I pitch my tent, when not for rest:
Then, as I sit and muse, there cometh one,
My heart's unbidden, yet most welcome guest;
I know her nigh by neither word nor sign,
Only a sweeter light within the rich sunshine;

Or, if it be the saintly close of day,
And the day's so beguiled march be o'er,
Then by a starrier clearness in the ray
Of Love's clear star, from that deep sunset shore,
I know my Angel is within my tent,
And her gold-shadowing spirit o'er my spirit leant.

Or, if at midnight, while I lie asleep,
A secret glory down the moonbeam roll;
Or some serene transfiguration creep
Over the clustering stars that crowd the pole,
Tingeing my dreams, then waking me to dreams,
I know that these are her annunciation gleams.

Fresher than morning, when the morning breaks—
Breaks from my East the morning meant for me:
East is to me the way my Angel takes
To reach my tent, what'er that way may be;
To her my tent door opens, self withdrawn,
And to the bridegroom sun swing wide the gates of dawn.

So noonday, evening, midnight, morning, I
Lonely am not, although I dwell alone;
But my blind poet-heart doth prophesy,
Dreaming a dream and vision of her own—
Own tent, not far, by Elim's springs and palms,
And two that, side by side, sit singing pilgrim psalms.

CARE OF THE EYES.

BY DR. J. H. HANAFORD:

Having but two eyes, and both being absolutely necessary to good and acurate sight, measuring distances, &c., it becomes necessary to take good care of our eyes, and to learn, not only what injures them, but how we can avoid danger, and improve the sight. If one supposss that he can see as well with one eye as with both, let him close one, and then try to quickly bring together two pointed objects, as two pencils, or the finger or the finger ends, one of each hand, first extending the arms, and he will learn that his sight is not very accurate, that he cannot measure distances accurately.

But how shall we avoid injury of the sight? A glare of light is always more or less injurious to to the eye, generally causing pain, which is usually a warning, a caution. When the eye "waters," the ball feels sore or aches or smarts, when it seems as if "sticks" were in the eyes, as some children complain, it is as if the eye should say, "My little boy, or girl, take care; you are spoiling these eyes, and soon may become blind, unless you stop your abuse." None would wish to exchange places with the blind, who see nothing—no beautiful flowers, no sunset skies, none of their friends; but grope their way through the world or are led by some friendly hand

We cannot look safely at the sun, even when in eclipse, without a "smoked glass," seeing as "through a glass darkly. A steady look at the sun, shining in all his brilliancy, would soon destroy the sight, as in the case of criminals, whose eyelids are sometimes cut off, in some barbarous countries, the poor creatures looking at the sun without any protection. For the same reason, the glare of the sunlight reflected from new snow, is oppressive and painful, always injuring the sight. The same is true of very bright light, as that of gas shining directly on the page when one is reading, or writing, producing a glare and pain, particularly if the light is reflected to the eye. A shade on the lamp or gas, or one worn over the eyes, will do much towards obviating the injury. Again, while too much light or too much of a glare is injurious to the sight, too little is also unfavorable. Reading, writing or sewing at twilight, or by an inferior light, is nearly as bad, taxing and weakening the eyes, sometimes producing inflamation or redness of the eyes. If we overtask the eye or any member of the body, we are sure to suffer. While proper exercise and a proper use of any member of power, increases our strength, too much effort or abuse, will always weaken or destroy.

Artificial light, such as that of a lamp or gas, taxes the light more than the natural light—the light of the sun. So far as we are able, it is best to avoid taxing or straining the eyes by such light. If we must read, study or sew by lamp light, it is well to have our evenings in the morning—retiring early and rising early enough to secure sufficient time before the dawn of day, since the eyes are taxed more to read &c., by lamp or gaslight than by daylight, it is safer to use such light after the eyes have been rested by a nights sleep, using them under the most favorable circumstances. It is also true that the eyes are taxed far less when we simply open them and let them see, than by straining them, trying hard to see, compelling them to see. We never gain time by using them at an improper time, or in an improper manner. Blindness, inflamed and painful eyes, weak eyes,—so weak that we cannot use them for weeks or months,—will teach us how much we loose in this way. What we seem to gain by reading, &c., at twilight in the cars, or under any circumstances in which we overwork them, we lose in the end.

Never rub the eyes, either when dust gets in, or when grieved. If the dust has sharp edges or corners, such rubbing is sure to injure them. It is safer to draw the lids away from the eye, and let the tears wash the dust away, or, with a syringe, throw warm water into the eye for the same purpose, which is easily done and not painful. Soft water is said to be the best "eye water." Wash them out with such in the morning, and wear a wet cloth several thicknesses, over them at night, if they are red, hot, or inflamed, keeping them and the head cool.

OUR LADY CORRESPONDENT FROM PENN.

LETTER NUMBER FIVE.

GREEN TREE, PA., June 5th, 1869,

Dear Col:

"I want to know," as the Yankees say, does the Nemophila grow wild in California? In writing of one of your excursions in the vicinity of San Francisco, you say: "the grass was gemmed with the Golden Eschscholtzia and Cerulean Nemophila," from their being found among the grass, I take it they grow wild by the road-sides, just as mullein and ragweed do here. A lady that formerly lived in San Francisco, tells me that she saw geraniums trained against the walls of the houses, and that they grow as high as the second story window; "indeed," she added, "when things begin to grow out there, they never know when to stop.

I was forced to swallow the geraniums; for the lady's veracity is unimpeachable, but that these delicate flower that I have grown up with so much so much care, really run wild about your fields is a little—just a little difficult of belief. The Nemophila is the only annual that I have in bloom; my Stocks and Zinnias and Phox, were only transplanted from the cold frame the other day, and have gotten no further than their fourth leaves, and these are in advance of most in the neighborhood. But I must tell you how I managed to have the Nemophila bloom so early. In March, when the ground was still frozen hard, I had a pile of rails removed, and made a bed where they had lain all winter; after the seed was sown, I built a low fence of rails about the bed, and filled it with dried grass, than covered it with boards. Every sunny day I took off the boards and put them on again at night, I did this until the hard freezing was over, for after it is started, the Nemophila will bear a good deal of cold, indeed it endures cold better than heat. They bloomed first on Decoration Day, and henceforth will always be associated with that day in my mind.

At present there are seven varieties in bloom, there are nine described in Vick's Catalogue, and I hope to add the other two to my list, as a number of the plants have not bloomed.

I have thirty two plants all raised from one paper of mixed seed, cost of said paper of seed five cents. It seems absurd dont it?

Such a source of delight as they have been—and are—and cost five cents. Really it is surprising that farmers don't grow flowers instead of weeds, there are so many beautiful hardy annuals that might so easily be made to take the place of the Burdock and Plantain that reign supreme in so many door yards.

I never see such a yard, that I don't make a mental estimate of what it would cost to make a perfect Eden of it. Why, all my seeds were bought for sometning less than two dollars, but then I got them from Vick, and that makes a difference. His seeds have a habit of growing, and they are cheap too.

From one paper of Phlox Drummondii seed, I nised enough plants for a bed.

I am very fond of massing flowers, I have a bed of Pansies too, all from one paper of seed. I wish you could see it, it is a lovely little basket-bed made of cherry twigs; I have two other basket beds, one is of grape vines and the third of last years hop vines.

They are truly beautiful, and have afforded me so much enjoyment already, I am so happy while working at them, I think my cup of bliss will overflow when they are full of lovely blossoms, I fancy the round childish faces of the China Asters will be charming, leaning over the little rustic fence of hop vines. But when I begin to write or talk about my flower garden, I am as irrepressible as the vegitation of the Golden State, I don't know when to stop. Never mind, I wont stop, I'll just make believe to, and I'll go on like the novels in the newspapers, marked to be continued.

JENNY DARE.

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Miscellaneous.

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Miscellany.

THE PARADISE OF OLD SAILORS.

...e river Thames is but a muddy and insignifi... stream, to have watered so great space in ... fiction and history. There is scarcely an ... book that does not, in some form, pay tri... to it. That fine old knight, Sir Roger de ..., sails down the Thames in the *Spectator*, ... makes several reflections on the greatness of ... nation, as "that one Englishman could ... Frenchmen; that the Thames was the ... river in Europe, and that London-bridge ... greater piece of work than any of the seven ... of the world." I am inclined to say amen ... Roger's opinion of London-bridge; it is one ... grey old structures, dotted over Eng... that seem to grow out of the earth, rather ... have been built upon it, by men's hands, ... might have come into being with the ... they stand on, that they might serve as ... to build from thereafter.

...e opaque water has often closed over

"One more unfortunate,
Rashly importunate,
Gone to her death,"

...e many sorrowful sights, results of the ...ed misery accumulating in London, as in ...y great city, but it bears on its surface, an ...ant and busy life, that gives small thought ...ything but its own daily cares.

...ty of gay little steamers, like the one which ...arded at the bridge, ply up and down the ... all day, carrying deck-loads of passengers, ...ere is no cabin accommodation. Londoners ... rain as easily as a flock of ducks; if they al... went in when it rained, they would *stay in* ... of their lives.

...'s take a long look at the "Traitor's Gate," ...h opens from the river, into the "Tower" ..., through which so many souls, innocent as ... as guilty, have passed to the tender mercies ... headsman; we pass over, without knowing ...at tremendous *bore*, the Thames Tunnel, and ...ually leave behind us the dingy walls and ...portable suburbs, that always hang over the ...s of rivers in a city.

...ter a while the river begins to clear its char... from the stains of man's imperfections, and ...right green grass slopes down on either bank ...eet its caresses.

...reenwich (or *Grinnidge* as the English call it) ...t find favor in all eyes that approach it from ...water. The Hospital rears a noble front close ... the river, and on an eminence beyond, rises ... Observatory where Longitude begins. A young ...lishman accompanied us, whom we had looked ... as a most valuable guide, but it came out as ...anded, that this was also his first visit to the ...ital. Knowing he could see it any time, he ...never seen it at all, like the old farmer whom ...ell found among the White Hills, who had al... lived within a mile of the "Old Man of the ...ntain," and had never cared to look towards

...e went first into a grand entrance hall of no ...t ag..., hung round with portraits of naval he...; the ceiling was one vast fresco on some my...egical subject, and I was content to believe it ...racle of art, rather than to break my neck in ...ing to examine its merits.

...is hall opens into the "Painted Chamber," ...ng one whole side covered with an allegorical ...re of those Hanoverian despots, the Georges; ...painter, not content with his name or mono... in the corner, has introduced a full length of ...elf, and is decidedly the finest looking man ...he group.

...are is exhibited in a glass case the coat and ..., with a bullet-hole in it, which Nelson wore ...n death found him at Trafalgar.

...Here too are the relics of Sir John Franklin's ...pedition, found among the Esquimaux—spoons ...forks, coins, a jack-knife, and a little book, a ...y of tract, which must have excited Esquimaux ...der. Nelson is made a sort of demigod by ...ures, busts and portraits, but the irredeemable ...ioness of his features, has defied the skill of eve... artist to soften them. It must be a cross griev... ...t to be borne by brethren of the brush and ...self, that so many heroes shock every rule of ... by personal defects. In future time, our own ...ncoln's rugged face will probably be a thorn in ...e flesh of our historical painters.

...One small room is wholly devoted to pictures of ...ships; in one, called his "immortality," he is ...ng carried to the upper world by angels, and ...ittle cherubs, who seem actually to puff over ...r labor; one of these holds a scroll with the ...ds, "England expects every man to do his du...," and the whole picture is a conglomeration of ...ships, tritons and water surrounding one heavy ...: one is surprised to find the name of Benja... West in the corner. It must have been one ...f the pictures that he painted to please the people ...d not himself.

...The chapel is rich in wood-carving, and marble ...ament, but the seats are nothing but wooden ...s, plain and cushionless; and I could not ...think this noble chapel might have spared a ...ed pillar or two, for the comfort of the aged ...n that come every day to those hard seats. Be...nd the pulpit is an immense picture of "St Paul ...wing off the viper," by Benjamin West, valued ...$40,000.

...After a long paved walk, bordered on either side ...f the freshest of green grass, we reached that ...on of the building, which was formerly a royal ...lace, but has now become the domestic part of ...e hospital. The great hall, once the ball-room ...Charles 2nd, that merry and worthless king,

"Who never said a foolish thing,
And never did a wise one,"

...is now divided into bedrooms for the old pension... each one has a room to himself, all opening ...on the common hall; the doors were open, dis...aying the little devices of their owners to make ...them homelike. All had small pictures, and some ...boasted great store of little nick-nacks, such as sailors love to collect. Several battered old men were lounging about the room, one spelling out the newspaper, others arranging their little museums; all were quiet and apparently happy.

There is nothing about the room to remind one of the time when virtue went clear out of fashion for want of patronage under the Stuarts. The walls must often have looked down on the neglected queen, poor Catharine of Braganza, whom the lowest of her subjects could not envy, least of all women in the eyes of her husband, who forced her to treat courteously, the unworthy creatures who had supplanted her.

Here, too, in the height of her glory, reigned the pretty orange-girl, Nell Gwin, who boasted herself, the "Protestant mistress;" perhaps she was more "sinned against than sinning," for she held her place even in the dying thoughts of the king.

At the end of this great room is a statue of the everlasting Nelson, and on the pedestal lay a small dirty bundle, which I supposed to have been overlooked in the daily putting-to-rights, but it proved to be a pair of stockings, worn by Nelson on some remarkable occasion. Methinks, if the shades of the departed ever revisit the earth, the ghost of Nelson will wear a bitter smile over the hero-worship, which could give a place of honor to his stockings and leave his beloved Lady Hamilton to die of want!

In a little ante-room is exhibited the battle of Trafalgar in miniature, but the room is more noteworthy as having furnished a hiding-place to Charles 2nd before he fled to France.

Thence we descended to the old men's smoking room, without which no sailor could be happy.—A long row of them were puffing away at their pipes, a sight for Parton and his "coming man." Long tables and benches scoured to snowy whiteness, were ranged along an immense dining-room. Half a dozen old cooks in white frocks were lounging about the kitchen, among the enormous ovens, and troughs for mixing bread and puddings. An old negro, the only one we met among the pensioners, rose to receive us and did the honors of his kitchen with a pompous affability never-to-be-reached by a white man. His hair and beard were pure white, as if he had stood uncovered in a snow storm and the flakes had changed to hair.

The great tanks for tea and cocoa sent up a pleasant odor, and a bowl was filled with tea for us to taste. We found it very good. The allowance to one brewing is 3½ lbs. for 400 men. I know not if this is the same computation on a large scale as that supposed to have been established by the first old maid, "Two teaspoonsful for each person and one for the teapot."

Most of the old veterans in the Hospital have lost a leg or an arm, or bear other honorable scars from their country's service. They must have served fourteen years in the navy, or have been wounded in an action with the enemy, before they can be admitted as pensioners. Many of them have wives outside and draw their rations to be shared with them.

It has long been a mooted point whether the wives should be included in the hospital charity, but nothing has been done about it, and it would seem to be an axiom in the study of womankind that no great number of them can live together in peace.

The quiet comfort of the hospital seems to renew the lease of life usually given to men. One lean and withered old fellow hopped after us on his wooden leg, through several rooms, chirping out like a superannuated cricket, that "he was 92 and his wife 88, and they never missed their rations."

Everywhere, on door-steps, and lying on benches in sunny spots, we came upon these battered old hulks, safely moored at last; an air of garrulous contentment hung about them all; only one thought he did not have tobacco enough; but who ever saw an old sailor who could be satisfied in that particular? The necessary order and discipline of so large an establishment cannot oppress them, because they have always been used to it on shipboard.

In the same grounds is a full-rigged ship of war, in which a school of boys, children of the pensioners, is taught the rules of the naval service.

Late in the afternoon we took steam again for London, full of admiration for this noble English charity. The English do a thing well, if they do it at all, and one cannot but cherish a warmer feeling toward a nation, which holds out such kindly arms of protection to its aged and feeble servants.—*Hours at Home.*

PAINTING ZINC.

A Difficulty is often experienced in causing oil-colors to adhere to sheet zinc. Boettger recommends the employment of a mordant, so to speak, of the following composition: One part of chloride of copper, one of nitrate of copper, and one of sal-ammoniac are to be dissolved in sixty-four parts of water, to which solution is to be added one part of commercial hydrochloric acid. The sheets of zinc are to be brushed over with this liquid, which gives them a deep black color; in the course of from twelve to twenty-four hours they become dry, and to their now dirty gray surface a coat of any oil color will firmly adhere. Some sheets of zinc prepared in this way and afterwards painted, have been found to entirely withstand all the atmospheric changes of winter and summer.

Good.—A newspaper published in the regions of Lakes Memphremagog and Winnepesaukee, says that the "fish in Lake Holleymunkemunk Maine, are said to be superior to those of either Lake Weeleyobacock or Moosetockmegantuck. Those of Chaubungogungamaugh were very fine, but they all got chocked to death in trying to tell where they lived."

An editor in Alabama had some iron ore dug from his land last week, made into iron, the iron into plows, and the plows running before the close of the week.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirious of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

N THE MARKET AT VERY LOW PR C

N. P. COLE & CO.

310, 312, 314 Pine Street, SAN FRANCISCO.
20-10

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers

AND

Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct a erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL Con. CORD HARNESS, for the Pacific Coast.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER,

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance.* We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE

OCEAN,

MARINE,

INLAND

INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
A. Seligman,
L. B. Benchley,
Wm. Sherman,
L. Sachs,
Jas. De Fremery
J. G. Bray,
J. B Newton,
David Stern,
D. O. Mills,
J. G. Kellogg,
G. H. Howard
Moses Heller,
H. M. Newhall,
G. T. Lawton,
Edward Martin,
Chas. Mayne,
Moses Ellis,
E. L. Goldstein,
Wm. T. Coleman
J. O. Earl,
Lloyd Tevis,
Geo. W. Beaver
Adam Grant,
Alpheus Bull,
S. M. Wilson,
D. J. Oliver,
W. Scholle,
Morton Cheesman,
H. Hanssmann,
D. W. C. Rice,
Oliver Eldridge,
E. W. Leonard
S. Steinhart,
P. L. Weaver,
Wm. Hooper,
Alfred Borel,
A. Hayward,
T. L. Barker,
Alex. Weill,
Chas. Meyer,
J. D. Fry,
M. Rosenbaum
H. H. Bigelow
T. Lemmen Meyer.
SACRAMENTO
Edgar Mills,
G. W. Nowe,
C. T. Wheeler.
MARYSVILLE:
J. H. Jewett.
STOCKTON:
T. R. Anthony.
PORTLAND, OREGON:
W. S. Ladd,
Jacob Kamm.
VIRGINIA, NEVADA:
Wm. Sharon

Officers:

JONATHAN HUNT, President
A. J. RALSTON, Secretary,
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.

T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L.

AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.

Is on the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,

146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

☞ For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers

PAPER BAGS, TWINE, &C.

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORNIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD
China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit. 30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by Editor Farmer.]

San Francisco, June 17.

The Grain Market is specially worthy the serious consideration of those who have most at stake—Our Farmers, and especially the Grain growers, for the condition of the Grain and Flour Market affects the general business of our State, more than any other of our great staple products, for

Grain is King now.

Some two weeks since there was a slight advance in Grain and Flour, but we then said it would be but temporary; and so it has proved, for we now have a full again and a dull market.

We notice that from several quarters come reports of *Rust* and *Smut* in the grain, and we hear of several parcels that have been cut for Hay on this account.—But these things should not have much weight, for when we consider the vastly extended area given to the grain crop this year, it must be expected that there will be many places where the land was *not properly prepared*, or it was *sowed too late*, or the seed was *not guarded by Blue stone*, or poor seed, or poor soil, and by new and inexperienced persons who planted on a speculation. All these things are to be considered, and it will be well for Grain growers wherever the smut or rust has appeared, for them to examine carefully all the surroundings and find out the cause possible. This, if sought out, will be of inestimable service in all future years.

It must be seen that the advices from abroad are such as not to hope for better prices for Breadstuffs at present. General report marks the last week and the present as the dullest of the season, and nothing can possibly give us a rising market of anything important, except some news from abroad of a peculiar character.

Old Wheat comes in freely, and some new, yet there are no export buyers of any amount.

The demand for Flour for export is nothing, and only two mills running in our city. Prices rule low, and prospects of large shipments from Oregon.

Barley is very dull, with heavy stocks of *old* barley on hand, while the *new* comes in freely.

Oats find a quicker and better demand than Barley and at much better prices.

Wool comes in freely and in good condition, and is mostly sorted and packed for export.

Produce of all other kinds are plentiful and at fair rates. See prices below.

Grain, &c

Wheat California, ₱ 100 lbs	$1 30	@	1 50
do Extra	1 50	@	1 65
Barley, ₱ 100 lbs	1 25	@	1 50
Rye ₱ 100 lbs	3 00	@	3 25
Oats, California, ₱ 100 lbs	1 40	@	1 75
Corn ₱ 100 lbs	1 25	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	2 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	14 00	@	16 00
Middlings ₱ ton	20 00	@	27 00
Oil Cake Meal, for feed, ₱ ton		@	20 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes Old	50	@	75
Potatoes, New	1 00	@	1 50
do sweet		@	
Onions	1 50	@	2 00
Hay, ₱ ton, extra	10 00	@	17 50
Hay, ₱ ton, ordinary	8 00	@	12 00
Straw ₱ ton	—	@	—

Retail Prices in the Fruit Market.

The Fruit Market now begins to change. Peaches, Plums, Apricots. New Apples and Pears, with Blackberries, Gooseberries, Currants, Strawberries and Cherries, make a grand show, and now comers to our shores will be much surprised when they look in upon our markets, they have never seen the like.

Apples, ₱ box	1 50	@	3 00
Apples, ₱ lb	6	@	10
Pears, green, ₱ lb	6	@	10
Plums, ₱ lb,	15	@	25
do Large	—	@	—
Peaches, ₱ lb	25	@	30
do Dried	10	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	15	@	25
Cherries, ₱ lb	15	@	20
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	—	@	—
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
Strawberries, ₱ lb	15	@	25
Rasberries, ₱ lb	20	@	25
Blackberries, wild ₱ lb	—	@	15
Gooseberries ₱ lb	—	@	12½
Currants, ₱ lb	12	@	20
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
California Almonds, green	—	@	15
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

The Vegetable show is a grand one. Everything wanted in full supply, and of the very best. Prices remain the same.

Asparagus, white ₱ lb	8	@	12
do green	—	@	8
Artichokes, (Fr.) ₱ doz	25	@	50
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	75	@	1 00
Cauliflower, ₱ doz	75	@	1 00
Cabbage, ₱ doz	100	@	1 25
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	40	@	50
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	—
Garlics, new		@	50
Green Peas, ₱ lb	4	@	5
Green Corn, ₱ doz ears		@	—
Sugar Peas	6	@	8
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	5	@	8
Horseradish	20	@	25
Okra, dried, ₱ lb		@	50
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2 00	@	2 50
do Sweet	5	@	7
Pumpkins	3	@	4
Parsnips, ₱ doz bunches	—	@	25
Parsley		@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	8	@	10
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	—	@	62
do Red		@	50
Squash, Summer	5	@	8
do Marrowfat	3	@	5
do Hubbard	3	@	5
Beans, String	5	@	8
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	40
Salally, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	10	@	15
Garlic	—	@	25

FISH

(Tessmore and Mayes.)

The Fish Market with us is always good. A full supply of the greatest varieties, and of the very best.—We notice the names of Tessmore & Mays in nearly all our markets—they are always well stocked. Prices remain about the same.

Salmon, ₱ lb	—	@	15
do smoked, new	10	@	12
do pickled, ₱ bbl	8	@	10
Salmon Trout ₱ lb	—	@	33
Smelts	8	@	10
Perch		@	12
Rockfish		@	12
Codfish, dry	—	@	18
Herring, fresh		@	—
do smoked ₱ 100	1 00	@	1 00
Tomcod	18	@	20
Sardines, fresh	—	@	—
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	50
Terrapin, ₱ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	—
Shrimps, ₱ lb		@	12
Flounders	—	@	18
Sea Bass		@	
Halibut, rare	—	@	75
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	10	@	12
Turbut		@	62

MEATS-

(Leopold Miller.)

Our Beef Market remains at full rates, and not a great show. The best qualities are not too plentiful, and prices are fully sustained.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	10	@	12
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	15	@	18
do cutlet	—	@	18
Mutton, chops, ₱ lb	10	@	12
do leg	—	@	10
Lamb, ₱ lb	12	@	15
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

POULTRY AND GAME.

The Game Market runs rather bare; a small supply. This is owing to the staying home *Harvesting* of our Farmers. Prices remain full as per last week.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back	—	@	—
do Mallard		@	
do Teal, ₱ doz		@	
Geese wild, ₱ each		@	
do tame	2 50	@	3 00
Chickens, Young, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	1 00	@	1 25
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 50
Venison, ₱ lb		@	—
Quails, ₱ doz		@	
Pigeons, domestic, ₱ doz		@	4 00
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	11 00
Spring Chickens	6 00	@	8 00
Turkeys, ₱ lb	26	@	28
Ducks, tame, per doz	7 00	@	10 00
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz	—	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Butter, Cheese and Eggs are also same as last week. A general supply and nothing to boast of.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	40
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	45
Farralone Eggs, ₱ doz	—	@	45
Cheese, ₱ lb	—	@	25
Lard, California	—	@	20
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	35	@	40
do do packed	—	@	—
do Eastern (new)	35	@	38
Cheese, California	15	@	17
Eggs, ₱ doz	—	@	40
Farralone Eggs, ₱ doz	—	@	38
Lard, ₱ lb	—	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

Beef—American, 1st quality, 9 @ 10c ₱ lb
do. 2d do. 8 @ 9c.
Mutton—6@8 ₱ lb. Lamb—9@10c.
Pork—undressed, —7@10c; dressed, 11@12c.
Veal—10@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 50	@	1 75
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	15@18
do extra	18@20
Medium	15@18
do burry	10@12
Wool-sacks, new	80@1 00
do second-hand	40c@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	9½@9¾

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

Carriages, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN, PROPRIETOR

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans-Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southhampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates a given below:

STEAMERS FOR JUNE

The following Steamships will be dispatched on dates as given below.

June 9—MONT NA, Capt. E. S. Farnsworth, connecting with ALASKA, Capt. Gray.

June 18—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCY, Capt. Conner.

June 30—CONSTITUTION, Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

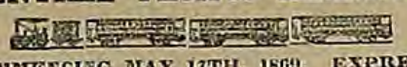
For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

ac4 OLIVER ELDRIDGE, Agent.

CENTRAL PACIFIC RAILROAD



COMMENCING MAY 17TH, 1869. EXPRESS Trains will run as follows:

EASTWARD.	Miles.	Time.
Leave Sacramento	—	6.30 A. M.
" Colfax	54	9 50 "
" Truckee	120	2.10 P. M.
" Reno	154	4.20 "
" Wadsworth	189	6.30 "
" Winnemucca	324	1.45 A. M.
" Carlin	445	8 30 "
" Elko	468	10.00 "
" Toano	559	3.15 P. M.
Arrive at Promontory	690	11.05 "

WESTWARD.	Miles.	Time.
Leave Promontory	—	6.15 P. M.
" Toano	131	3.00 A. M.
" Elko	222	8 25 "
" Carlin	245	9.35 "
" Winnemucca	366	4.10 P. M.
" Wadsworth	501	12.05 A. M.
" Reno	536	2.10 "
" Truckee	570	4 20 "
" Colfax	636	9.50 "
Arrive at Sacramento	690	1 20 P. M.

FARE.	Coin.
Sacramento to Terminus	$50 00

Children NOT over Twelve (12) years of age Half Fare, under Five (5) years of age, Free.

100 pounds Baggage (per passenger) Free.

☞ Two Trains daily (Sundays excepted) between Sacramento and Marysville, without any change of Cars.

Leave Sacramento at 6.30 A. M. and 2 P. M.
Arrive at Marysville at 9.30 A. M. and 5.30 P. M.
Leave Marysville at 5.30 A. M. and 10.10 A. M.
Arrive at Sacramento at 9.45 A. M. and 1.20 P. M.

☞ For Tickets and other information, apply at the Company's Offices.

C. CROCKER, General Superintendent

T. H. GOODMAN, General Passenger Agent.

☞ The following are the present rates of Fare via. the Union Pacific and connecting roads:

	Currency
Promontory to Omaha	$ 81 50
" " St Louis	101 50
" " Chicago	103 50
" " Cincinnati	114 85
" " Niagara Falls	118 90
" " New York	123 50
" " Boston	126 50

(Rates are subject to change.)

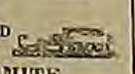
May 17th, 1869. 31-18

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS



CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the Pacific Coast, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all Human Enterprizes, the Pacific Railroad, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and the who wisely advertise now, will be the first to secure it, and when once secured, they can hold on to it.

We therefore invite all those who have valuable Implements, Manufactures, Inventors, Books, Paintings, etc. to the Columns of the California Farmer, that will give them a wider circulation than any other medium they can adopt.

WARREN & CO., Eds. and Prop's.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS

FOR THE CURE OF

Heplatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. And our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced, they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the vigor of the Stomach, Bowels, Brain, and the whole Nervous System should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has a close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate sympathy which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal nature, or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Bowels, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes, of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing by pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful notion of having left undone something which ought to have been done. A slight dry cough is sometimes present. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everybody. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are unequalled to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is aware of the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child at any time, however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous forms of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked, even in cases of great violence, if a potent and prompt remedy be exhibited, so that they could be expelled, the loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy matter on the tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a craving sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently streaked with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by a dry cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water, in the morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years, a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLane's Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, JUNE 24, 1869. NUMBER 22.

The California Farmer
AND
Journal of Useful Sciences.
PUBLISHED EVERY THURSDAY EVENING.
BY WARREN & CO.
Office 220 Clay street (up stairs), below Battery.
SAN FRANCISCO.

TERMS OF SUBSCRIPTION.

Single copy one year, $5; for six months, $3. For a club of five new subscribers, a sixth copy will be sent gratis. If payments are delayed six months $1 additional per year will be charged.

Single subscribers, delivered by carrier, 12½ cents a number. Payment in advance.

Advertisements and Subscriptions must be paid in advance. Payments in Gold or Silver. All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.
San Francisco, Cal.

LIST OF AGENTS:

SUBSCRIBERS can send money BY MAIL safely and at the Post-office, and the money will come [illegible] sure.]

Dodge & Co., at all their Offices in this State.
[illegible], throughout the State are requested to act for us.
[illegible] SAUER, Washington street, opposite Post Office.
[illegible] " " San Francisco.
[illegible] PUSNELL & Co., 161 High Holborn, London.
[illegible] ANDRIEUX & Co., Seedmen and Florists, Paris.
[illegible], Seedsman, Sacramento.
[illegible]ENDEN, Stockton.
[illegible] McELROY, Vallejo.
[illegible], Esq., Helena, Washington Territory.
[illegible] PEASLEY & CO., Beekman St., New York.
[illegible]ANS, Esq., 129 Washington St., Boston, Mass.
[illegible] WAITE, BURNELL & CO., Seed Merchants [illegible]bourne, London.
[illegible]S. VILMORINE, ANDRIEUX & CO., Paris.

Eastern Correspondence.

LETTERS FROM AN OLD CALIFORNIAN AT THE EAST.

NUMBER ONE HUNDRED AND THREE.

NEW YORK, June 12, 1869.

California Farmer:

THE GREAT MEMORIAL CONCERT.

I did not attend the other meetings of the "Parepa," for the reason that the time for a public demonstration was allowed to pass, and one would be untimely.

The great event of the moment is the Memorial in honor of the late Charles C. B. Seymour, the most just and educated musical critic of New York, and the most distinguished artists volunteered their services for both the matinee and evening entertainments. The object of the memorial is, if possible, to place his widow, rendered by his untimely death, in comfortable circumstances.

I attended the concert last Saturday evening and enjoyed both the audience and performance. Among the people present the most noted and women in every walk of life. 'Parepa' was [illegible] of the evening, but she has not yet recovered the effects of sickness. She distinguished herself in the duet with Leroy, "Let the Bright [illegible]," and in Gounod's Ave Maria. In the latter composition she was assisted by S. B. Mills, [illegible] Carl Rosa, violinist, and Morgan, organist. The performance was therefore perfect.

[illegible] OF EDWIN BOOTH—ACADEMY OF DESIGN, &C

The marriage of Edwin Booth has disappointed many young ladies. His matinees will not, therefore, present such a constellation of beauties, unless they are determined to make a "pet" of him, [illegible] single. All the old bachelors think he made a wise selection.

The exhibition of the Academy of Design this year is a failure. It has been very severely criticised, and I think deserves to be spoken of [illegible].

[illegible]'s new Niagara, on exhibition at Goupil's [illegible] picture. I have seated myself before it and allowed my mind to wander away from the [illegible] and bustle outside, to the scene so admirably mirrored on canvas. But I am provoked [illegible] disgust at the snobbishness which insists upon the destruction of all the chromo plates over one hundred subscription copies. I should be ashamed as an American and a lover of Art to own [illegible] the chromos under the circumstances.

CALIFORNIANS IN NEW YORK.

How much I have enjoyed the recent visit of [illegible] old friends. I recollect with intense pleasure the delightful gatherings which used to make [illegible] so attractive in early days. We were all [illegible] up with the State; our interests were all [illegible] in common; we were all compelled to [illegible] ourselves in society to exhibit our most attractive phases of character, and an evening party [illegible] scenes of any prominent citizen was an [illegible] enjoyed. To meet Californian friends [illegible] New York is the next best thing, to me, to a [illegible] on the shores of the Pacific.

EARLY DAYS AND EARLY PIONEERS.

[illegible] thank you for your kind words accompanying my 100th letter. The friendship that was formed in the Rassette House, when Bartlett, Kingsberry, Dr. Veitch, Grayson, Judge Pratt, yourself, and your correspondent used to discuss topics of interest to California will never be forgotten. I recollect well your earnest enthusiasm that California would be something more than a producer of gold for the benefit of her luxurious sisters, and your faithful and industrious efforts to carry out your plans. You were a Pioneer in the work and I hope that the list of subscribers to the California FARMER will yet show, if it has not already done so, that your work has been appreciated and rewarded as it ought to be by a generous patronage. It is sad to recall the names of those who used to meet around the cheerful fire in the back parlor—how many have gone to their rest. The seasons of adversity and prosperity have rolled over us all. We have each the memory of sunshiny days and the sad recollection of clouds. May we, when the time comes, rejoice that we have been faithful to the principles that we used to delight in, and know that the Master will say to us, "Well done good and faithful servants."

WORKERS AND DRONES.

There used to be, and doubtless there are yet, in California too many drones; but there are less, I am sure, even now, than can be found in any community in the Eastern States. It is a pleasant thought that we have all, even most of us, who have been prosperous, exhibited the same industry that we used to speak so warmly of in days of yore. It is a pleasure for me to keep up my correspondence with the FARMER. It links me to very happy memories, and I enjoy it the more because day by day almost I can see that California is becoming all that "dreamers" used to predict.

M. A. S.

DISTINGUISHED VISITORS.

Our city is now being visited by many citizens of the Eastern slope, and among them men high in office under our Government,

The *Alta* of yesterday reports as follows:

ARRIVAL OF THE COMMITTEE ON WAYS AND MEANS AND OTHERS.

The Congregational Committe on Ways and Means arrived last night, by the Sacramento boat, from the East, and took rooms at the Cosmopolitan Hotel. The guests were met at the wharf by several citizens, who escorted them to the quarters provided. Following is a list of the Committee and accompanying parties.

Hon. Samuel Hooper, Boston, Mass., Temporary Chairman.
Hon. W. B. Allison, Iowa.
Hon. W. D. Kelley, Penn.
Hon. Austin Blair, Michigan.
Hon. Dennis McCarthy, Syracuse, N. Y.
Hon. Horace Maynard, Tenn.
Hon. James Brooks, New York City.
Hon. S. S. Marshall, Illinois.
George A. Bassett, Secretary of the Committee.
Francis H. Smith, Official Stenographic Reporter of the House, and Correspondent of the N. Y. *Herald*.
J. K. Moorehead, of Penn.
J. S. Samson, Sergeat-at-Arms of the House (who, togsther with Lessrs. Bassett and Smith, accompanihs the committe in an official capacity.
Hon. S. B. Axtell, Cala.
Hon. A. C. Bakewell, Pittsburg, Penn.
E. C. Bartlett, Washington.
M. Harney, Philadelphia.
W. H. Smith, Washington.
Miss Lucy McCarthy, New York City.
Miss Virginia Brooks, New York City.
Miss Kate Snook, Michigan.

[To this announcement, we shall soon add Hon. Wm. H Seward, and many other distinguished names.—Ed. Farmer.

CINDERS FROM ENGINES ON RAILROADS.

While our Railroad managers are doing so much to facilitate traveling and business communication in all directions over our country, would it not be a matter of some great importance to the comfort of travelers to have some invention whereby the *cinders from the engine* could be prevented from filling the cars, filling the eyes of travelers, and burning dresses, or compelling them to sit with closed windows at the *risk* of almost suffocation in warm weather.

Whoever will invent a proper and safe spark-catcher and consumer, one that our Railroad men will use, will not only immortalize themselves and make a fortune, but will receive the gratitude of the present and all future generations.

PALACE CARS ON THE PACIFIC RAILROAD.—This is the great theme now, everybody wishes a ride in the Palace Cars, (who wouldn't?)—We notice that a slight mishap occurred to the train that conveyed many distinguished guests from Sacramento to last Saturday, by running off the track. Among those who were on a visit East, was the family of Col. A. P. Stanford, his son received a slight injury; we are glad to know it was not serious, and that the other members of the family were not injured.

INSECTS UPON FRUIT TREES, VINES, ETC.

We notice as we travel over the State, visiting the various sections of it, that in various parts there is more or less injury inflicted upon Trees, Vines, Plants, etc. everywhere, and that each year there appears some new insect on this Coast, or new disease with us, or rather an *old disease* from other States, that seems to be imported into our midst.

The question arises, why these diseases, and why such a flood of insects now, that have not heretofore been known among us?

We have carefully examined the subject and have also viewed the matter in every place where we have found these diseases or insects, and have come to the only conclusion that is a safe one—that as the *human body* is a tree or plant, and that disease comes not to *that* when it is carefully attended to, properly *fed*, and wisely *nourished* and *kept clean* (for cleanliness is Godliness,) so disease or insects or injurious ailments of any kind will not come upon *Trees, Plants or Vines* that come from *healthy stock* and *pure seed*, or that are placed in *good ground* and *properly cultivated* and *kept clean*.

We are, however, free to admit, that we know that some of the evils, like insects or worms will pass from orchard to orchard, when *near each other*, but the general law will hold good, that where the *stock is healthy*, the *seed pure*, the *soil sweet, deeply and finely cultivated*, and noxious weeds kept from the grounds and surroundings, and cleanliness and a pure air can be inhaled by the Tree, Plant, Shrub or Vine, there, we are certain, to find the greatest success, and always to find Health, Strength and Beauty, and to inhale the sweetness of pure blossoms and see rich and splendid fruit, or perfection in all the other products of the earth; for when these *wise duties* are *well performed* it must always be so.

Medical men tell us that *disease* comes only from the *broken law* of our Physical Nature, or by constitutions inherited from diseased Parents, and our Divines tell us that *Moral corruption and Sin* comes from broken moral laws and sin against God; so we hold that the diseases and ailments upon Trees, Plants, Vines, etc. comes only from neglect to use proper means and those preventives we have before noticed.

We have just visited several orchards in San Jose and Santa Clara and other places, and we notice the *Slug* is making havoc upon *Pear trees*, that unless quickly remedied, will destroy the fruit now or the trees, for *this Slug destroys* the leaves, (the leaves are the lungs of the trees;) these gone the fruit must drop. It is important that immediate attention be given to this.

We notice, also, the *Scale* infests many trees.—We notice these on the *Olive*, the *Plum*, and several other trees, particularly in Gardens where ornamental trees such as the *Oleander, Accacia, Althea* and similar trees and shrubs are growing, and as these trees and plants are too frequently allowed to grow uncultivated with *grass around the roots*, or in hard ground, the *bark of the trees* become diseased and covered with moss or other fungus, and soon the *Scale* comes.

This Scale requires care to notice; sometimes it is the *color of the bark*, sometimes black, and the size of half a small pea, closely adhering to the bark, requiring a knife or a piece of hard wood to remove them. The whole tree must be carefully examined and every one removed by hand, or a *very stiff brush*. If by hand, collect and burn them, or if too numerous, a stiff shoe brush, and with strong *whale-oil soap washing* giving a thorough cleansing can save the tree. Other trees and many plants will be found to be infected when near by this bark *leach or blood-sucker*.

The remedy for the *Pear Slug* is the *Ground Gypsum*, which can now be had in our city of C. Janson, Esq. (See Advertisement,) at a low rate.

We noticed the large and fine Pear orchard of J. T. Adams, Esq., of San Jose, badly infected with this Slug; many of the trees appeared as if a *fire had swept over them*.

We find the Aphis and the Aphides at work on the Grape vines, and many fine arbors in Gardens look like a fire-blighted screen. The Mildew also in low damp places leaves its blue mark, destroying beauty.

For these evils, the *Sulphur* thrown upon the vines is a complete remedy if early applied, before growth is stopped. We recommend the application of Sulphur by means of a *pair of bellows*, to which is attached a tin box at the tube, holding a quart, with perforations like a pepper box, and with this a man can go over *acres a day*, and perform a certain cure.

We hope our *Pear growers* will look to their orchards quickly now, and apply this *only remedy* in season, else the Slug of this year will deposit its eggs for the next, and the *hundreds* now, will be *millions* then.

The way to use this ground Gypsum, (it is like flour,) is to scatter it over the whole tree with the hand freely. It will not only *kill the Slug* but benefit the tree, for fog, dew and moisture will cause the leaf to absorb the *nutritious* properties of the Gypsum, and to receive nourishment; and what falls on the soil will very greatly increase its fertility also, as Gypsum will be found to be one of the *best fertilizers* for our *dry climate* that can possibly be used.

The Roses in our gardens we notice also have the *Rose Slug* to some extent. The sure remedy for these is the whale-oil soap suds, put upon the bushes at night with a garden syringe forcibly and the bushes syringed in the morning early with pure water.

We have thus given large space to this subject, believing it to be of vital moment now, when our orchards and vineyards are about to be *despoiled of their beauty of foliage*, the result of which must *inevitably* be, the *loss of the fruit*.

We feel sad when we see these enemies of beauty and worth at work, for they remind us very forcibly of the *Political and Sectarian Vampyres and Money getting Schemers, and Speculators*, that now swarm over our State, casting a mildew and blight over much that was fair and prosperous, but leaving Pecuniary disease, Political and Moral death in their train, and casting a cloud over much that was so fair and beautiful in this otherwise glorious State of ours, the Great Mission ground for Human Progress.

You that have Orchards, Gardens and Vineyards, look to them now, and remove these *Insects, Slugs* and *Worms* from off the outer leaf and your labors shall save the fruit for your own refreshing; and you that have now peace of mind, contentment, and a comfortable independence, keep clear of the other vampyres we have named and you will then in Joy, Peace and happy Contentment,

"Sit under your own Vine and Fig Tree,
With none to molest or make you afraid."

Just as we had prepared the above article on Insect Depredation, we received a letter from St. George, Utah, with the "Rio Virgin Times" containing the following which we publish and reply to:

AN ENEMY TO THE GRAPES.

We are sorry to announce that an Enemy to our grape crops, very disagreeable and more or less distructive has appeared.

For the last two years, in the month of June vineyardists have doubtless noticed upon the bunch of grapes or the tendrils, a frothy bit of moisture resembling a spittle, which increases and finally in July assumes the consistence and appearance of the white of an egg beaten to froth, and containing from one to a dozen insects resembling the early appearance of the Potato bug; but what they finally grow to be we have been unable to discover. The insects finally in August disappear and the nasty frothy excrescence, which by this time has spoiled the cluster, dries up leaving most of the berries entire, but too nasty to use without washing.

Since the appearance of this nuisance, each year it has grown more and more common, until now they are only common, scarce a vine escaping and on some a dozen whitish specks of moisture may be seen—and upon one bunch we recently counted ten.

Every care should be taken to discover the cause, or origin this new to us enemy of the grape, and we earnestly ask grape growers what they know of this plague. Perhaps the California Farmer can enlighten the public upon this question.

This enemy by the discription we beleive to be the "Mealy bug," it attaches itself to the joints of trees, plants and vines, and then spreads all over it eating out its vitality.

The remedy for this, the best we know, is a hard syringing with *Whale Oil Soap Suds*, one pound to the pail full and so in proportion to the quantity wanted. Syringe at night with suds and in the morning with clean water; washings every three days, will remedy the evil.

We would also advise the free use of *Sulphur*, as advised in our Editorial above; we advise besides, a trial of the ground *Gypsum*, this should be administered in the morning when the dew is on the vines.

We hope our Cultivators in Utah, will report to us their results if they make the trial.

WHERE TO ADVERTISE.—The advantage of advertising in the *Farmer* can be proved in many cases where valuable Real Estates are for sale, or wanted.

We advertised a few weeks since, an estate for sale in Napa, within ten days there were two applicants direct from the Farmer, and the Estate was sold to one of these purchasers, advantageously and profitably. While from other advertisements and agents, not a word or a customer; so much for wisely selecting *where* to advertise.

THE MERCANTILE LIBRARY.

This Noble Institution has made its appeal to the sympathies and interests of our community, and we trust the appeal will not be in vain.

By reference to our columns the card of the President can be read; and strong appeals are made from all quarters, and it should not be doubted for a moment but that the Salvation of this Institution will be accomplished, and the Library placed upon a firm and prosperous basis.

A strong friend of the Library, speaking through Daily Press says, and forcibly too:

The urgent appeal of the Trustees of the Mercantile Library Association has now been several days before the public, and the burden of debt is even heavier. Who will respond to this immergency? There is, it is true, a general simmering in the public mind. Over one hundred have become subscribing members thus far during the month. Mr. Barnes' unique plan has also ripened into a definite announcement. These are all very well so far, but a vast deal more must be speedily done.

While our solid men are slowly combining for those grand efforts which shall place the Association where it deserves to stand, could not a large number of firms come speedily forward and make their clerks and employes members? Some have done it already. It needs but a moments reflection to convince any business man, that he can in this manner indicate his appreciation of faithful clerks, attach employes to his interests, and prevent perhaps, much injury to the public and to himself by inducing them to spend their spare hours at the Library, or in reading from its rich store of books. The great advantages of membership are appparent to any one on visiting the rooms. The very atmosphere of books, and tastily furnished halls is elevating. Beauty, order, harmony and intelligence combined, exert great power over the understanding and the heart. It is worth while for a person to spend ten minutes in the Library, even if he reads nothing nor selects a book. If one did it every day he would soon find himself more gentle and in communion with a larger and sweeter world.

The many distinguished persons who are now here or will be here soon on a visit to our far-famed coast, will find nothing that will so much please and astonish them as this Library. It surpasses all structures of the kind in the country. It will be a great dishonor to our citizens if they allow it to fail. The trustees have done but their duty in providing it, and if the citizens do not sustain them it is their own fault. And let it be remembered that it is not simply a loss of money over which the public is to be concerned, but over a loss of character, which will be the deepest disaster that can befall the people. Let no citizen who can, fail to aid this object in some manner.

A very *Patriotic* plan has been conceived of, by which great good can result pecuniarily to the Library, from a public Entertainment, which is to given next Wednesday at the California Theatre, and is now announced as follows:

BENEFIT OF THE MERCANTILE LIBRARY.

An entertainment will be given at the California Theatre next Wednesday evening, in aid of of the Mercantile Library, which will attract more attention than anything in the theatrical line since the settlement of California; the popular drama entitled "Rosedale" will be presented, with the well known lawyer, W. H. L. Barnes Esq., as Elliot Gray, the hero of the piece. The condition on which Mr. Barnes consented to undertake the character was, that a certain sum should be realized by the literary association of which he is Vice President, and to attain that end the seats will be put up at auction on Saturday by Maurice Dore & Co., for competition among those who wish to obtain choice places by paying a premium, the ordinary prices beidg fixed at $5 for that evening for the Dress Circle, $2½ for the Family Circle, and $1 for the Gallery.

We sincerely trust that the result of this *Festival for the Library*, (for so we would call it) will be completely successful and give $10,000 to $15,000 in aid of so good a cause.

LITERATURE AND POLITICS.

—The Yale *Courant* publishes a list of distinguished alumni of Harvard College, who have held federal or State offices. Besides those of the preconstitutioners, are two presidents, two vice presidents, eight cabinet ministers, fourteen foreign ministers, twenty-eight Senators, three judges of the United States Supreme Court, sixteen judges of the United States District Court, ten Governors of Massachusetts, nine Governors of other States, nine chief justices of Massachusetts, eleven chief justices of other States, twenty associate justices of the Supreme Court of Massachusetts, and twenty associate justices of the Supreme Courts of other States.

[Thus we see that Literature bows down to the Gods of the Political Maelstrom.—ED. FARMER.]

A wag suggests that a suitable opening for many city choirs would be "O Lord have mercy on us miserable singers."

Agriculture.

GREEN THINGS GROWING.

Oh! the green things growing! the green things growing!
The fresh, sweet smell of the green things growing!
I would like to live, whether I laugh or grieve,
To watch the happy life of the green things growing!

Oh! the fluttering and pattering of the green things growing!
Talking each to each when no man's knowing;
In the wonderful white of the wierd moonlight,
Or the gray dreamy dawn when the cocks are crowing.

I love, I love them so, the green things growing!
And I think that they love me, without false showing;
For by many a tender touch they comfort me so much,
With the mute, mute comfort of green things growing.

And in the full wreath of their blossoms' growing,
Ten for one I take they're on me bestowing.
Ah! I should like to see, if God's will it might be,
Many, many a summer of my green things growing.

But if I must be gathered for the angels' sowing—
Sleep out of sight awhile—like the green things growing,
Though earth to earth return, I think I shall not mourn,
If I may only change into green things growing!

—*Author of "JoAn Halifax."*

TEA CULTURE IN AMERICA.

The introduction of the tea plant into the United States was attempted in 1848 by Doctor Junius Smith, of South Carolina, who imported plants from China, of from five to seven years' growth — He stocked a small plantation with them in the mountainous parts of that State, where they were exposed without injury to severe frosts during the Winter, and snow which at times covered the ground to the depth of eight or nine inches. His experiments continued four years, and showed that the climate and soil were well adapted to the cultivation of tea, but the difficulty of procuring sufficiently experienced labor, prevented the culture from securing any important results. Under the new regime of freedom in the South, the cultivation of the tea plant is again attempted. Ten miles from Knoxville, Tennessee, tea is now grown, and it is said that in East Tennessee tea drinkers can readily raise their own tea with very little cost and trouble. The plant is described as a deep evergreen shrub, growing about five feet high, hardy, and needing no protection from the frost. Whether the quality of the tea grown there is equal to the imported article is not yet announced, but the fact of the adaptation of the climate and a portion of the soil of the Southern States to its production is apparent. The range of the tea plant in China extends between latitude 24 degrees to 35 degrees North, which parallels include most of Southern and all of the Southwestern States. The soil best adapted to the growth of the tea plant is said to be a light loam, more or less stony, containing vegetable matter, which while retaining moisture is at the same time well drained. This kind of soil is found in large sections of the South and Southwest.

In cultivating tea, the chief difficulty that has hitherto existed has been in procuring suitable labor, but that can be obviated by employing the Chinese, so numerous on the Pacific Slope, many of whom have been in their own country successful tea growers. They are spreading over sections of this country where their skill and labor might be profitably employed in a direction so familiar to them. In China, tea of an average quality is sold at from eight to nine cents a pound. Of course, with our different scale of prices for labor, we could not expect to produce it for anything like so small a sum, yet when we consider the heavy expense of packing, export and import duties, and transportation, in addition to the profits accruing to each one through whose hands the tea must pass, making its selling price many times the original cost in China, it would be an advantage to get our supply of tea from our country. The cultivation of the plant is regarded as a less troublesome matter than the manipulating process to which the leaves are subjected after gathering.—Three crops are gathered in a single season. The drying, rolling, and curling process, it is supposed, can only be successfully accomplished by the trained Chinaman, but it would not be long before machinery would be made to perform a large part of the labor, which in China is entirely done by hand. Machinery for drying and curing the leaves of the plant has been successfully operated in this city. The manufacture of silk by the Chinese emigrants in California has already commenced, and their introduction of successful tea culture in America may repay the country for giving them a home.—*Phila. Ledger.*

VALUABLE ORCHARDS FOR SALE.

We would invite the special attention of capitalists to the *Two Very Extensive Orchards* advertised in our Journal.

Aside from the large and certain income of these orchards yearly, the lands are certainly rising in value, and they must become a very profitable investment.

To any capitalist who has any knowledge of Fruits—any love of the business—here is a fine opening to make a great fortune in shipping Fruits over the Rail Road, East. We can give them important information on the subject.

Farmers are like fowls—neither will get full crops without industry.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Stee. Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by-gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

New Advertisements.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all e trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can sa ney by purchasing one of these. Also the CAY CHIEF COMBINATION REAPER AND MO , too well known to need any elaborate descri v here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Stand, Cor of California and Battery Sts.,
SAN FRANCISCO.

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one o the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow; cu's the potato in such sized slices as the farmer may prefer; drops those pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its own r for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,

320 Clay street, up stairs.

AVERY

TUBE WELL

COMPLETE FOR USE

THE TUBE WELL IS FORMED BY DRIVING prepared Iron Piping into the ground with a sledge Although of comparatively recent invention, these Wells have won a world-wide reputation, and are proven to be superior to the ordinary dug well, all surface water, dirt etc being excluded. The Tubing is coupled together in lengths of five or six feet, as they are being driven into the earth. The valves are then dropp d in and the pump screwed down upon the top.

Force and Lift Pumps always on Hand.

For ease of working, durability and force, the AVERY PUMP has no superior. For circulars, etc., address Postoffice Box, 17. URRIG & DEWEY.
Office at 318, Pine street. 31 10.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato

BUY THE GENUINE FROM

GEO. A. DEITZ

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania

1 Pound Early Rose sent by Mail, postpaid, for
4 Pounds of Early Rose sent by Mail, postpaid, for
4 Pounds of Surprise Oats sent by Mail, postpaid, for
4 Pounds New Brunswick Oats, by Mail, for
4 Pounds of Sweedish Oats by Mail, for
4 Pounds of Yellow Mammoth Corn, by Mail, for
4 Pounds of Yellow Gourd Seed Corn, by Mail, for
4 Pounds best three varieties of Sweet Corn for
4 Pounds of China Tea Spring Wheat, by Mail, for
4 Pounds of Black Sea Spring Wheat, by Mail, for
4 Pounds of Canada Club Spring Wheat, by Mail, for
4 Pounds of Hedgerow Spring Wheat, by Mail, for
4 Pounds of Rio Grande Spring Wheat, by Mail, for
4 Pounds of Scotch Fife Spring Wheat, by Mail, for
4 Pounds of Mammoth Bearded Spring Wheat, for
4 Pounds of Smooth-headed Spring Wheat, for
4 Pounds of White Hominy Corn, for
4 Pounds of Harrison Potatoes, by Mail for
1 Pounds of White Peach Blow Potatoes, by Mail, for
2 Pounds of Italian Grass Seed for
2 Pounds of Orchard Grass Seed, for
2 Pounds of Herd Grass Seed, for
1 Pound of Alsike or Swedish Clover Seed for
2 Pounds of Cow Grass or tall Clover Seed for
4 Pounds of Red Clover Seed, for
1 Pound of Egyptian seven-headed Wheat, for
Best Fodder Cutter at Chambersburg, for
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for

☞Subscribe for the EXPERIMENTAL FARMER AL. Only $1.50 per year.

☞The money, in all cases, to accompany the order.

☞All orders filled promptly by GEO. A. DEITZ, proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls we are true to name and pure of the kind.

GEO. A. DEITZ.
Chambersburg, Pa.

Having received the above Potatoes (The Early Rose) direct from the above House; and, also the Surprise Oats, we invite all who wish these desirable articles, in order to secure them for the *Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of most valuable Clover; also, just received.

WARREN & CO.,
FARMER Office.

LINFORTH, KELLOG & RAIL

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near K

SAN FRANCISCO,

IMPORTER

—AND—

JOBBERS

OF

AMERICAN, ENGLISH AND GER

HARDWARE & CUTLERY

Agricultural and Mining To

ROPE, STEEL, POWDER, FUSE, SHOT, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMP

Patented by J. A. Morrill, 29th, 1867.

THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.

☞Agents wanted for all [County Rights for sale.

30 6 3m

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the articles they have to sell are wanted by those who have delayed to the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured themselves the very best by taking "time by the forelock," and those late advertisers lose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, and all other goods should be advertised in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their trade largely increased by giving attention to this matter, and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of advertising.

"Bread is the staff of life, and *Advertising* the life of trade."

To Take Charge of a Place

A young man with some capital (from $500 to $1,000) can hear of a good opportunity to take charge of a place and have an interest if he desires.

A person somewhat acquainted with the business is preferred.

No one but a steady and industrious young man need apply.

The applicant must be able and willing to work, have a love and taste for rural life. To such a one a good chance can be given.

Address
Care of FARMER Office.

Horticulture.

THE VINE IN EUROPE.

OBSERVATIONS BY AN AMERICAN VINE GROWER.

Letter Number Three.

TYROL.

The culture of the vine in the Tyrol differs essentially from that pursued in any other region in Europe that I visited.

As you leave the fertile plains of Italy and commence that grand ascent which culminates in the stupendous pass of the Tyrolese Alps, you follow along the banks of a river, which is fed by the glaciers of these magnificent mountains, the valley of which as well as the adjacent mountain sides, are highly cultivated; and here often in high altitudes the vine flourishes, and most luxuriantly too.

It is planted in drills a few inches apart, from eight to twelve usually, and the drills set very far apart, often as far as sixteen to twenty feet, and rarely less than that distance.

The roots of the vine in the drills are raised up-on the crown or summit of a mound or hill, which is piled up at least two feet higher than the surface of the ground, on the exterior surface of the vineyard.

The training of the vine is most peculiar. A trellis is constructed on both sides of the plant and along the drills, which at the root of the plant is not more than two feet from the ground, and which is raised up on the sides so that at its outer edge it is at least five, and sometimes eight, feet high, and extending from the vine on either side about eight feet.

The vine is trained laterally on either and both sides along this trellis, which it entirely covers, by the vines of the plants being so close together in the drills.

The vineyard resembles rows of the inverted roofs of houses all covered with the vine, and the fruit is suspended from beneath these ascending trellises.

The culture was universally of the highest and best character. The earth was always thoroughly spaded, and the vineyards were kept scrupulously clean and entirely free from weeds.

The culture was, from the nature of the case and from necessity, done wholly by hand, and as the laborer could not stand erect under this peculiar overhanging or reclining trellis, he always stooped and worked it, carefully going over with his grape hoe the whole surface of the soil, and the vine itself to the extreme outside of the vine.

This method of culture, planting, and training, was throughout all the Tyrol, both on the Italian side and also on the Austrian side, and I was forcibly impressed with its merit and excellence, and the fruit itself properly cultivated in this method must of necessity be of the finest quality; quite close to the ground, easy of being picked, pruned, tended, and cared for, and the method worthy of study and imitation anywhere with a vine that is a strong grower, like our own American varieties.

The most striking feature of the vine itself in these districts is its magnificent and luxuriant growth. I did not at first know the cause, but soon came to understand it. The secret lay in copious and generous irrigation, which is in universal use by the Tyrolese farmer, not alone for his vineyards, but for all his crops. It will be remembered that through every considerable valley of this country there usually descends a rapid, mountain-formed river, while streams of more or less size and strength, thus supplied, come into it from every tributary ravine and valley. No farms or cultivated places are found except those along the bank of a rapid torrent or a rushing swift river. And all these tributary streams, as well as in the river itself, the current is usually rapid, and in many of the smaller streams exceedingly swift.—These rivers and streams, all along, and especially where the current was strongest, were placed enormously high skeleton water wheels that were turned by the current itself, and which raised in buckets the water from the river to the top of the wheel, and then emptied it into troughs or conductors which led it into a grand reservoir from which, by a series of troughs and pipes, it was conducted over every square foot of the farm, or vineyard, at the pleasure of the proprietor.

The altitude of this wheel was usually higher than the surface of the farm or vineyard, and as the wheel was ever turning and the water always flowing, there was no limit to the supply.

With this bountiful irrigation, as may well be supposed, a luxuriance of growth of all products obtained here and especially of the vine. And this system of irrigation was quite universal, as I saw no considerable farm or proprietor without it.

The wine of the Tyrol is excellent, and although ranked as common wine it rarely is found in any market, and is as a rule consumed in the country.

A very large amount is both produced and consumed, and it is of much better quality than the Italian wines, and though inexpensive, would command remunerative prices if an excess were produced over their home consumption, which, as it is generally drank, is very great.

Resembling Switzerland in its externals, the Tyrol, although far south upon the map of Europe, is, as a whole, and so far as its vineyard culture is concerned, confined to high altitudes, along the sides of the mountains, and in the valleys of this Austrian Switzerland.

The people are far more advanced in intelligence and force of character than in some of the other Austrian provinces. It is the same race that defied so long Napoleon I. after the subjugation of Austria, and who gained their liberties under Andreas Hofer (the William Tell of the Tyrol,) that now plant and care for the vine and people and cultivate the hills and valley of the almost inaccessible passes of the Tyrolese mountains. The quaint dress of the women, and the ornamented jackets and feathered hats of the men, peculiar to the Tyrol, are now almost the only distinctive costumes of the peasantry remaining in Europe, and their wines are really much better than they are usually considered, mainly because they have been hitherto so little known and rarely drank out of the country.

Their skies would be almost Italian if their country was a plain, and the vine is frequently grown at the base of a mountain whose heights will be crowned by the glacier which never melts; and the rain which falls on the vine in midsummer in a climate almost tropical rests frequently in snow on the summit of the mountain.

You may stand in the vineyards in the dog-days, when the grapes are ripening, and see the snow and ice above your head on the mountain top, which never melts, and which seems strange, indeed, to the American or Englishman, this union of the Torrid and Frigid Zones at the same time upon the same estate; for the Tyrolese can ice his claret in midsummer from a store which is inexhaustible, from his own mountain.

CLARK BELL.

TROPICAL FRUIT.—We would call the attention of our readers, to the notice in this weeks' issue, of A. Giorgiani, who is largely engaged in the Importation and Sale of Tropical Fruits; on Washington streeet near the Post Office. Mr. Georgiani has been engaged now nearly thirty years in the *Foreign Fruit Trade*, abroad and in this State and has made himself familiar with it.

Mr. Giorgiani is now one of the largest dealers in our city in the fruit trade, and is always prepared to offer the Choicest and Best Fruits, to be had on the very best terms—dealers in the country would well to call on him when in the city.

GREAT EXPOSITION OF TEXTILE FABRICS

AT CINCINNATTI, AUGUST, 1869. UNDER THE AUSPICES OF THE WOOLEN MANUFACTURERS' ASSOCIATION OF THE NORTH WEST.

Office of the Executive Committee,
CINCINNATTI, May 8, 1869.

To the Ed. *Cal. Farmer*:

Dear Sir,

An Exposition of Textile Fabrics will be held in this city, August 3, 4, 5, 6, 7th, 1869. This being a public enterprise in which the interests of a leading branch of industry are involved, you are respectfully requested to call attention to this movement in the editorial colums of your journal.

Some facts relative to the history of the Association, the work it has done, statistics of the manufacturing interest, and an outline of the plan of operations are, herewith appended.

For the Committee.

JAS. M. CLARK, Sec'y.

A general meeting of those interrested in the Great Exposition of woolen, cotton, silk, and other textile fabrics, to be held in this city on the first four days of August next, was held yesterday afternoon, April 5th, in Room No. 11 of the Burnett house.

A large Executive Committee was pointed to prepare and lay out the work for the convention. Committees on Finance, General Arrangements, Invitation, Reception, Transportation, and Premiums, were appointed and the following resolutions were adopted to carry out this very Important Convention.

"*Resolved*, That having a deep interest in the prosperity of our city, and the growth of Western enterprises, we hereby cordially invite the manufacturers of textile fabrics in the Southwest and Northwest, to hold an exposition of their productions in our city during the month of August next.

"We fully realize at this early day that our work is to be one of great labor but having full confidence in the business men of our community, we shall exert ourselves to make this an occasion worthy of our city and of the vast interests to be represented

"*Resolved*, That our invitation is extended alike to manufacturers of cotton, wool, flax, hemp, and silk, and also growers of wool and cotton.

"*Resolved*, That the Committee of General Arrangements is hereby instructed to procure a suitable room for regular business meeting, which shall be known as the office of the Exposition Committee' where regular meetings shall be held every Friday afternoon at 2½ o'clock.

"*Resolved*, That the Finance Committee is hereby instructed to continue its efforts until the subscriptions to the funds of the Exposition shall reach the sum of $10,000.

"*Resolved*, That all shipments of merchandise be marked with the owners name in full, and also marked, 'For the Cincinnatti Exposition, care of James H. Laws & Co.'"

It will be seen by the above that the executive committee has already arranged matters in good shape, and that, from the names and character of the gentlemen selected for the different committees vigorous action may be expected. Without donbt the contemplated exposition will be one of the most important, and bring to our city one of the largest crowds of people ever assembled here.

[We have recieved important information relative to this Exposition, and shall give more light upon it in our next. An Exhibition of this importance is worthy the attention of the Growers of Textile fabrics and our Manufacturers, and is to be hoped that California will take an interest and be Represented in both the Departments, and in each variety of manufactures, for California is now taking rank among the Manufacturing States of our Union.—Ed Farmer.]

New Advertisements.

ORNAMENTAL TREES.

The Oregon Fir Tree Association.

We are now prepared to Ship to all parts of the country, all the handsome varieties of the Fir Tree that so abound in Oregon. The trade of the Association is at present promising much greater success, especially on the Pacific Coast, than they have formerly anticipated. The nurseries of California do not seem to have adopted the Oregon Fir, only as we have recently taken some of their orders from them.

We find them to possess an attraction as an ornamental tree rarely equaled. The Yellow Pine and the Balsam Fir are the most popular varieties; the Yellow Pine the most hardy—thriving in almost any soil or climate. Our trade with the East is promising; our trees have arrived there in good condition and are growing.

The Association is prepared to supply a large demand for Trees, from six inches to four feet in length, but we cannot fill orders for any more than four feet.

Efficient Agents wanted in all parts of the country, to whom we will extend the most promising advantages. We shall be glad to receive a communication from any one who might desire such an agency, on the most paying terms, or from any one who may desire our Trees.

Orders for Trees to be set in the fall should reach us as early as October, and those for the spring supply as early as February.

We Ship none but parfect and healthy Trees.

All communications should be addressed:

REV. C. W. TODD,
Oregon City, Oregon.

LAKE VINEYARD WINE COMPANY.

The undetsigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH HORB,
CARLTON CURTIS.

We desire to call the attention of the to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,
May 1st, 1869. San Francisco.
31-16

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

Miscellaneous.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

Agents Wanted - - - - - $10 a Day.

TWO $10 MAPS FOR $1.

LLOYD'S

PATENT REVOLVING DOUBLE MAPS.

Two Continents, America and Europe, and America with the United States portion on an Immense scale.

Colored—in 4000 Counties.

THESE great Maps, now just completed, 64 x 62 inches large, show every place of importance, all Railroads to date, and the latest alterations in the various European States. These Maps are needed in every School and family in the land—they occupy the space of one Map, and by means of the Reverser, either side can be thrown front, and any part brought level to the eye. County Rights and large discount given to good Agents

Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand

31-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a hand o return for labor and capital can be made from.

WARREN & CO.

VALUABLE PLANTS FOR SALE

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer* Office.

Wanted.

A Gentleman residing a few miles from the city, is anxious to meet with some one, who can Superintend the construction of Trout Ponds, or give information as to the best mode of constructing Fish Ponds. Such parties will be amply compensated for all trouble and knowledge. Address, B. L. B., FARMER OFFICE.

P. S.—A personal interview would be preferred at the Farmer Office.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR [AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
[FARMER OFFICE.

Miscellaneous.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY

IN THE VICINITY OF CALISTOGA.

ON THE

LINE OF THE RAIL ROAD

Within three and a half hours from San Francisso.

THE UNDERSIGNED WI LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during the said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms.

—ALSO—

A farm of three thousand Acre Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street, Third floo
31-3

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the best sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of these extensive Orchards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3- EDITOR FARMER.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots operate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,

Or GEN. JOSIAH HOWELL, Sacramento City.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Garden Corner of Mason and Pacific Street*, in this city, or address [EDITOR FARMER.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....JUNE 24, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for *one* insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

The Letter of our valued New York Correspondent, M. A. S., will be read by his many friends here, with true pleasure, catching the hope that we may all welcome him soon to our shores again. We are indeed most grateful for so faithful a correspondent, and for his kind personal greeting and words of cheer for us.

DRESS REFORM.—Our Lady readers will find the Letter from our Correspondent, "Jenny Dare," full of "vim" and spirited on this subject. Jenny don't aspire to the wearing of the Pantaloons. Hear what she says and read "Ralph Meeker."

THE MOTHERLESS, by "Rosa" is a good Motherly Letter, and utters true and noble sentiments.

We invite those engaged in Vine Culture to the Letters we are now publishing in our Horticultural Column. Much of interest will be found there.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

THE ROSE.—We are indebted to Orange Judd & Co., the well known Book Publishers of N. Y. for Copy of "Parsons on the Rose," his new edition.

This book on the Rose we esteem one of the best works published, it is very complete, practically so, being a thorough treatise on its culture and care in everything relating to this "Queen of Flowers," also giving the Botanical and Garden classification; the early history and fables concerning it, with its uses in ceremonies, festivals &c.; the perfumes made from it, medical properties &c. &c.,—the book is valuable to every lover and cultivator of this most *Beautiful of Flowers*.

Messrs. Judd & Co., have issued this work in beautiful style, comprising 200 pages finely Illustrated. A. Roman & Co., sell the Book.

We acknowledge several parcels of Barley and Oats, from Thomas McElroy; the European seed grower and dealer of New York.

BARLEY SAMPLES.—This variety is marked *Four Rowed Chevalier*, 60lb to the bushel; we shall reserve this for trial in 1870.

OAT SAMPLES.—This variety is marked "Prize White Oats" 46lb to the bushel, this we shall also reserve for same purpose, as we could not use them advantageously now, the season being long past.

Our Eastern and European friends must study our season and climate, to make it advantageous to their trade.

LIFE OF JEFFERSON DAVIS.—We have received additional pages of this forthcoming work, by the pen of Edward A. Pollard Esq., from a glance we can see that it will be an intensely interesting work, and will be earnestly sought for.

We have the Circular of the Reform League for June, this publication contains many valuable articles, touching the Industry and great leading Interests of the country, worthy the notice of all who are identified with them.

We acknowlekge valuable publications from the Department of Agriculture at Washington.

ANATOMICAL MUSEUM.—We acknowledge the receipt of a very courteous letter, and card of invitation to this most interesting and important Institution of Knowledge.

Most earnestly we commend this Museum to all, for we should certainly learn all about "The House we Live in."

—The Thirty-Second Volume of the FARMER commences in July.

THE ELECTIONS! THE ELECTIONS!!

How all Important to a State like this, Rich in her Agricultural Resources beyond that of any State in our glorious Union, that *these Interests* should be carefully nourished, looked after, guarded and protected in the next Legislature of this State.

Where are our Farmers now when the plans are being laid for the Nominations of Senators and Representatives? Shall not the cause of Agriculture have good and trusty advocates both in the Senate and Representative Chambers at our New Capitol?

We appeal to our sturdy Yeomanry—now is the time to act, now is the time to make the influence and value of this great interest felt in the "Halls of Legislation."

Shall an interest that is superior to all other interests have no proportionate voice in the making of Laws and the Government of a State whose vital wealth arises from this very source?

AGRICULTURE, MANUFACTURES and MECHANIC ARTS, in all the past years, have never yet had any material voice in our State Government; the Legislators have mostly been men of the "spoils party," "office seekers," or schemers of new plans of corporations and private speculations, and not the Guardians of the Interests of the People of the State.

Assemblymen and Senators are Representatives of the *whole people*, or should be so, and the time has come when our State is to have a large and valuable addition to her Population from all parts of the world, and our great interests should have their proper voice in the *Halls of Legislation*.

Will our *Farmers*, our *Manufacturers*, and our *Mechanics* continue to bow down to *Politicians* and let them rule for *office, spoils and speculations* and let the great interests of the State go almost wholly neglected, or will they rise in their strength as Men and demand a proper voice in the Senate and and Assembly Chambers of our NEW CAPITOL, as shall give to these mighty interests that proper Guardian care and watchfulness so important at this time.

Will the true workingmen of this State think of these things *now*, before it is *too late?* Remember! what is done now, is done for *Two years*, and the *next two years* will witness most mighty changes in our State.

Shall these changes be for weal or for woe?

This depends upon the action of those who are now linked with these interests now, at the present Elections so soon to take place.

THE WEATHER, CROPS, ETC.

That we are having a change of seasons in California no one can doubt who shall carefully observe the "Seasons as they roll."

The recent repeated showers at different places, the continued heavy fogs, dews and sprinklings, are the *admonitions of nature* to our cultivators to prepare for greater changes every year, for *they are sure to come*.

Lightning, Thunder and Rain, Snow, Hail and Whirlwinds, will be as certain to visit us, as we cultivate, improve and build up our now waste places. They are the necessary attendants that always follow the settlement of any *new country*, and these things should be better understood, and our tillers of the soil must prepare for them.

That our crops will be large—*very large*, is now very generally admitted, larger than ever before, and better, too, we think, by reason of better tillage of the soil, and better implements to work with.

By reason of the completion of many new Railroads, our Farmers will be facilitated in getting their crops to market quicker and in better order and at less cost of time and money, this year, than ever before; and our Railroad Managers must look to their own interests well and encourage our Farmers by making as *low a schedule* of *Freight as* possible, or they will "kill the goose that is ready to lay the Golden eggs for" them.

Nothing can be more certain than that fair and just rates of freight on our Railroads for produce, tends to their increase and thus feeds the treasury of the Railroad corporation, as well as promotes the best interests of our producers.

The new crop of Grain comes in slowly by reason of the busy time among Harvesters, and the dull market and slack demand offers no inducement. Less than 5,000 sacks of wheat came to market last week. For particulars of market rates see Reports on last page.

WINE AND OIL.

Olive Oil of the best and purest kind is now made at the Gardens of the Santa Clara College, from the Olives produced from numerous large trees, which are the Ornamental and Shade trees of that Institution.

This Oil is used principally at the College; about 150 gallons was made the past year, and purer and better cannot be made in any land.

The wines made at this place, from the vineyards is of the very highest character some choice that was prepared with great care, specially for the occasion of their Commencement week, could not be excelled, its exquisite aroma, its brilliant amber color and its pure flavor, could not be surpassed if equalled in our State.

In the manufacture of the *Wine* and *Oil*, as well as many other articles for culinary and medical use, this Institution has made great preparations, and give to them particular care, and they excel in what they do, having careful vintners and laborers.

TRIAL OF STEAM LOCOMOTIVE.

The Grand Trial of the Locomotive Steam Engine for Farmers, for Plowing, Harvesting &c., took plase at Stockton on Saturday last, and created very great interest, and drew together a very large number of the Farmers of that rich and prosperous section of country. The Locomotive moved off in its majesty and strength, and gave satisfactory proof that the BAXTER WONDER was all that was claimed for it.

We regretted very much that by reason of illness, and duties claiming us home, prevented our presence at the trial; but from our correspondents report we can herald great success, and announce that repeated trials of this Farm "Locomotive," will be made at the *Exhibition of Agricultural Implements* which will take place at Stockton this Autumn, of which due notice will be given, with a list of Premiums of a liberal character.

The Trial of the Locomotive was made under the auspices and directions of Messrs. Webster, Bros., of the Pioneer Agricultural Warehouse, and under the superintendence of Mr. Baxter, the Skillful and Ingenious Inventor of the Locomotive, and the famed "Gang Plows," bearing his name.

Great praise is certainly due to Webster Bros., for their liberality to Inventors and their many efforts to draw out inventions, that shall benefit the Farmers of our State.

We learn by circular that an organization has been formed, called the "Stock and Agricultural Implement Association. The Exhibition is to be held this Autumn.

We think a Company with $500,000 could be formed that could be of great benefit, and result profitably to manufacture these Steam Locomotives and other valuable and costly Implements of Agriculture for our Farmers' use, and we hope the Enterprizing firm of Webster Brothers will move for such a Company.

Mr. Baxter, the Inventor, has achieved by his fertile brain, great things, and what our Scientific Men pronounce, truly wonderful, and for such Invention he should have due Public acknowledgement and due Honor as a true workman.

A very fine Photograph was taken of the Locomotive, as it stood before the Brick Warehouse of Webster Brothers, after its trial. We note Mr. Webster, Baxter, and a group of other citizens, admirably likenesses. The whole Picture is excellent, and upon the face of those was expressed that feeling of Triumph, which is felt by successful Generals, returning from a victorious field.

We take this opportunity to give a communication we received from a person who knew Mr. Baxter, while he was on his way from Boston to Worcester, to commence his now famous Engine.

The correspondent, while speaking of the merits of Mr. Baxter as an Inventor, enclosed us the thoughts of the writer, written in the cars, and placed in the annexed form.

ODE TO ROBERT BAXTER.

(BY THE FARMERS OF CALIFORNIA.)

Baxter's here! 'tis not the spirit
Of the author of "Saints' Rest,"
But a Practical Inventor,
One who always stand the test.

Robert Baxter he has traveled
Oft o'er California's clime,
Seventeen years of earnest toiling,
Still he's yet in manhood's prime.

Firm and strong you now behold him,
Baxter has not lived in vain,
He has toiled with all his manhood,
He has labored with his brain.

On our California Ranches,
Baxter often held his chat,
Climbed the mountains, strolled the valleys—
He's a man for a' of that.

Let me tell of his Invention,
Of his wonderful Machine,
One that by its rapid Threshings,
Claimed the best the world has seen.

One that pleases every Farmer,
This proves Baxter knows full well,
How to get up something for us—
Something useful, to Excel.

Baxter has a Plow invented,
'Tis a scientific thing;
Wonderful in all its movements—
Of its use'uln ss we'll sing.

See the Plow! deep furrows turning,
Soft and fine it moves the soil;
Baxter, with enthusiasm burning,
Feels *rewarded* for his toil,

Farmers come from far to meet him,
Come to see more "Baxter's Wonders;"
And with pleasure Farmers greet him—
Shout, and cheer in countless numbers.

Baxter has not done Inventing,
So his friends and neighbors say;
Soon new wonders that will please you,
Like himself they'll lead the way.

AGRICULTURAL FAIR, STOCKTON.

We have received the Circular of the San Joaquin Stock and Agricultural Association, announcing their preparatory steps for a Grand Exhibition the coming Autumn, (time not fixed.)

A liberal list of Premiums will be given; trial of all Implements trials of Speed, Orations, Poems, Addresses, Debates, a Ball &c.

Dr. E. S. Holden the veteran laborer in the cause of Agriculture in that county, is President with excellent officers, and an efficient Board of Trustees, give promise of a prosperous Exhibition.

OUR PAPER EAST.

The Pacific Railroad opens up California to the *Eastern World*, and those who wish to know of our State, should by all means have the California *Farmer* every week, as no other Journal will contain so much of California interests as the California *Farmer*.

SANTA CLARA COLLEGE.

COMMENCEMENT EXERCISES AND EXHIBITION.

One of the most successful, complete, and gratifying *Annual Ehibitions* which has ever taken place at this Institution, was triumphantly completed the present week, and the two hundred Students are now mostly with their friends and kindred in their happy Homes, where rest from study will give a zest to the richest enjoyments.

It has been our pleasure and enjoyment for long long years, to attend the annual Exercises of this most Excellent Institution, and to witness the proficiency made by the students, which we must in truth say are very much greater than is made at most other Colleges and Seminaries of learning in our State and Country.

The Santa Clara College is one of the most liberally provided Colleges on the Pacific Shore. The Buildings are large, spacious and elegant, covering nearly *four acres* of ground, and these buildings are severally provided with the best, and most complete materials for a thorough Education, that wealth could procure.

The most excellent Father Varsi the President, with the other Officers of the College, together with a large corps of the most able and accomplished Professors, give to this Institution the means rarely possessed by Seminaries of learning, to imbue their pupils with a Love of their studies.

The great secret of success, which attends this Institute of Learning, arises from the one great controlling principle that guides the Fathers and all the Teachers, and that is

THEY LOVE THEIR DUTY.

This love of Education causes them to love their pupils, and visitors can always notice the general joy and happiness that pervades the atmosphere all around.

The presents year's exercises was a Triumph.—About *Two Thousand* Visitors were present during the three days Exhibition. The evidence given by the Students in their Public Exercises was proof that they had studied well, and had faithful Teachers.

The Exercises were of a high character, and most gratifying to the Parents and friends present, and most honorable to the Teachers and the Students.

Some of the Lectures delivered by the Students were of a superior order, and the Essays and Dialogues most excellent.

The evening Entertainments—the Dramas, etc. were admirably done, and the Music superior.

We gave our whole time to this happy scene, and gathered many valuable facts. Being absent from our Office, we defer our complete and particular Report till our next, when we hope to give some of the Essays and give a more minute Report, speaking of many of the remarkable performances of the Students, their premiums, etc.

FARMERS' CLUBS.

In spite of the weather, says one of our city papers a few days since; in spite of the *dust* and *fog*, a large number of people assembled, to witness the race between the well known pacer and &c. &c.—

Now this shows the lively interest shown by members of well known "Jockey Clubs," owners of Racing Stock, sporting men, &c. &c. Now we would ask with all due respect to the different tastes of men, and the value of the different occupations, and pursuits of men, why the Sporting and Jockey Clubs should always be so well attended, and so much money so freely expended, when the great interest of Agriculture cannot muster near enough in the various districts, to form a "Farmers Club?"

Which of these clubs form the greatest and most important interests? Which interest *feeds clothes* and *sustains* the people? Which interest loads our ships and fills our Warehouses, with the rich products of the soil? And which contributes most to the increase of our manufacturing and our mechanical interests? And yet when we analyze the interest manifested by the members of the Jockey Clubs, we find them always ready with means liberally to sustain their Clubs, and do all in their power to make them popular.

But how is it with our Farmers and the "Farmers' Clubs," is it not a fact that a large majority of our Farmers are more ready to aid a "Jockey Club," or to attend a Race, rather than a "Farmers Meeting,"—we have only to remark, that while the influence of our Farmers are witheld from organizing a "Farmers Club," to promote *their own interest*, they must not complain if their own interests suffer.

WOOL DEPOT AND SALESROOM NEW YORK.

WALTER BROWN & Co., of New York, instituted at the commencement of this year, a system of Regular Public Sales of Wool. Four sales of this Series have already been held, and were largely attended by *Manufacturers* and *Dealers*, and resulted very satisfactorily, the wools selling promptly and realizing fair market value.

The Fifth Sale is advertised for the 15th of July and the Sixth will occur about the middle or last of August.

These periodical sales will afford our large growers and dealers the opportunity of consigning their wools, to a responsible house, and be sure of getting prompt returns, and know that their wools are sold at their real market value. They will undoubtedly operate very advantageously to owners, as the wools will thus be brought immediately before large numbers of manufacturers, which by the competition necessarily accompanying Sales of this kind, will ensure *good prices* for *good wools*, and often higher than real values, for those of poorer descriptions.

We call attention to the advertisement in another column, and commend the wool grower to this well known and highly responsible house.

A shoemaker has one great advantage over most kinds of mechanics; his goods when finished, are always *sol'd*.

OUR DELINQUENT LIST.

We found it necessary to send out a card "Last Week" to remind a certain class whose names are *not the best*, that it was necessary sometimes for them to "Remember the Printer," and as we had many *Thousands* laying round over this Coast in the shape of *mortgages*, or rather "Liens," upon "Real Estates in the Country," (for Newspaper debts are never outlawed,) for this kind of a debt is like a *Mechanic's Lien*, and always holds good. We said to all that no *false* delicacy would forbid us to ask for *our own*, after years of *patient waiting*, and therefore sent forth our notice.

We are glad to record that *some persons* have consciences, and being reminded of their remissness, they felt it was but *Just* they should pay "Newspaper debt."

Among the several letters and apologies thus far received, we append the following, coming as we know, from the "Better Half," in very plain words.

THE DELINQUENT'S LAMENT.

BY R. S. M.

Oh, do not stop our Paper,
Although we are behind;
Dear, patient, long-tried Editor,
We hope you'll change your mind.

We have met with many hardships,
Toiling both night and day;
We should sorely miss the Farmer,
And we surely mean to pay.

It comes to us with gladness,
It tells of Stocks and Trade,
Of Mulberry trees and Silk cocoons,
Of which fine things are made,

Of Goats Angora, Blooded full,
From the far off Syrian shore,
With soft and silky snowy wool,
Worn by the dames of yore.

Of Birds and Bees, and Fruits and Flowers
It gives us information,
And sometimes says our State may be
A Sugar Beet plantation.

It brings us cheering words like these:
The clouds are dark, but soon—
There is a *silver lining*—
And we shall see the Sun.

So, with such words of hope and trust,
We toil and struggle on,
To gain a little *soiled dust*,
Then go—as all have gone.

We wish we were a Poet, we would reply in rhyme, we can only say:

We will not stop *your* paper,
Although you *are* behind,
And long *have* tried *this* Editor,
But, you prove your *worth of mind*.

So, *you shall have the Farmer*,
Till dark *clouds* are past and gone,
And the Sun grows bright and warm,
And "Silver Clouds" light your Home.

TOBACCO, RUM, AND BLASPHEMY.

These three substances, now among the habitual to men, follow in their regular order, their use is steadily increased by man when once get the habit fixed in themselves, for which becomes a second nature."

A careful observer cannot but notice, that a man who has rarely or never been addicted the vile habit of swearing, or of drinking or of smoking, when the habit of *smoking* first upon him, he may be entirely free from Drinking or Swearing, but by slow degrees, these things sociate with him, those who are *smokers*, feel *he is one of them*, and they will very soon Invitation, "*will you join us?*" At first Rum Whiskey may be refused and some lighter used, for the habit of *smoking* will create and step by step from light drinks to the the habit becomes fixed, and now the *smoker* is also an *habitual drinker*.

These two habits always gaining upon men, and always undermine the and most robust constitution until disease form appears; then will soon appear a break, first *nervousness*, then impetuosity followed by an excitable disposition, which tably lead to anger and passion, then the guard to moral power falls, and cursing swearing steps in, and the citadel of the man is taken.

Whoever will carefully note these things find them true, and this class of men seek the pleasure of "Home," when the citadel is surrendered, then they will be found at the liard or Drinking Saloon, where men of kindred habits always congregate minds and kindred habits always congregate at such places what is enacted? What is and what is done? Oftimes it is of that which these very men would once shudder think of; but which came from the habits ed singly, and which now combined, has upon each victim, lost! lost!! lost!!!

This is no idle fancy, for the *Graveyards* State will attest to the sad truths, of which is but a faint picture.

DON'T BLEACH YOUR HAY.

During a recent trip to Santa Clara, San and vicinity, we could not but notice along line of the Railroad from this city, very quantities of Hay—some lying in small some just cut down, and the mowers at work ting down more.

We regret to notice that the most of it the field in these small heaps, *bleaching* and *goodness*. This practice is a bad one, for made is injured more than *one-third* in noticed with pleasure several large lots that a fresh green look, being cut and cured this was being baled at once and stacked will keep it fresh and sweet and will retain *aroma* which gives double value for stock.

We are surprised that any Haymaker should look to this matter of drying in hay.

THE CALIFORNIA FARMER!

OUR THIRTY-SECOND VOLUME.

In the opening part of the next month we shall commence our THIRTY-SECOND VOLUME of the

"California Farmer."

A few numbers more and we begin the closing Volume of our SIXTEEN YEARS' LABORS with this Journal.

We do not feel that it is necessay we should launch out with any new promises of what we shall do for the *Cause of Agriculture* and its kindred Sciences, for the past must speak for us; and those who can look back to the time when we launched our little bark, will now justly recognize what has been done to advance this great and important source of wealth to our State by this Journal during these long years.

One thing we do know, "*We* have done what we could," and we hope with our New Volume to enroll many New Voluntary Subscribers. For all such cooperation we shall ever be duly grateful.

We return our most sincere and heartfelt thanks to all our Patrons for their many kindnesses, and hope to continue to walk with them many years in the pleasant scenes of Rural Life and Rural occupations.

The Terms of the FARMER will remain the same—$5 per year, $3 for six months, (gold price,) and $1 extra when payments have been delayed; and these terms are unchangeable. A liberal allowance for clubs; when five copies are paid for, six copies will be furnished.

WARREN & CO., Editors and Publishers,
320 *Clay St.*, San Francisco.

TEN REASONS WHY EVERY FARMER AND STOCK-RAISER SHOULD TAKE THE "CALIFORNIA FARMER."

1. Every Farmer and Stock-raiser should be a reader of the Journal connected with the interests of his own profession in his own State.
2. Every such person should give his sanction and support, generously and voluntarily to a Journal that advances his own particular business in his own State.
3. Every such person is *benefited* by the publication of such a Journal, and is in justice bound to reciprocate such labors.
4. No person engaged in these employments can be without such a Journal without the loss of many times its cost annually.
5. The Farmer and the Stock-raiser will always be better advised of the markets, and that kind of information so important to his interests by constant access to a Home Journal.
6. The *California Farmer* has faithfully advocated the best interests of the Farmer and Stock-raiser for nearly sixteen years, and is the *only Agricultural Journal in California.*
7. The *California Farmer* contains the most important information relative to these interests in every branch of Agricultural science.
8. The *California Farmer* contains the announcement of all New Seeds, Grains, Grasses, etc., together with all New Implements that will advance the cause of the cultivators of the soil.
9. The *California Farmer* contains the arrival and introduction of all the best Stock of all kinds as soon as known, together with the full Market Reports of all the interests appertaining to Agriculture.
10. The *California Farmer* is now the *only paper* on the Pacific Coast that is continued by its *original Editor and proprietor*, commencing at the time this Journal commenced; and having been constant in its efforts for the good of these interests, deserves the cheerful patronage of all good men.

WHAT DO YOU WANT?

We are in constant receipt of Advertising Circulars, Cards, Letters, Pamphlets, &c., giving more or less information relative to new Inventions, Stock Implements, Nursery Articles, Seeds, Books, Paintings &c., and oftimes we are requested to *Publish these Circulars*, and to *call attention to their Business &c.* and yet these very *modest* persons do not stop to think that this will put us to *considerable cost*, and that too without an equal chance that we should be repaid for *our labor* by any good that could come to us.

Now we desire to give answer to all such persons in *this one special card.*

We will take the Golden Rule and hold it up before them, and ask each of this class of applicants to change places with us, and tell us if they would do this class of *Advertising for nothing?*

We are soon to enter upon our THIRTY-SECOND VOLUME; in all our past years we have cheerfully and voluntarily advertised largely for Religious, Benevolent, Scientific and Literary Institutions, and without charge, to the amount of many thousands of dollars. We have cheerfully exchanged with many Journals, whose price was one half to one fifth in cash to our own, and this to give them the benefit of our Journal, and we have supplied many Institutions with our Journal during its entire period, *Free*, and this last plan we shall continue; but there are some things we cannot and *must not do*, because it *is not* right, and these things we cannot do, is to Advertise for every body and everything *without pay.*

When we recieve this class of Letters and Circulars, we shall send a marked copy of our Journal with this card to such persons, and they must then understand that we ask a fair *Reciprocity for Labor*, if they manifest this well; if not, *well for us.*

We wish however to be understood, we shall always to be happy to do all in our power to aid every Benevolent and Good Enterprise, that is strictly "Pro Bono Publico," without other reward than the satisfaction of doing good.

New Advertisements.

PIONEER CROCKERY WAREHOUSE.

HAYNES & LAWTON

SELL AT

WHOLESALE AND RETAIL,

CROCKERY,
GLASS, AND
CHINA WARES.

OUR SILVER-PLATED GOODS

Are all Plated by the

Pacific Plate Works,

For which we are Agents, their Manufactory being upon our premises.

TEA SETTS, CASTORS, & CAKE BASKETS

Can be had Plated as heavily as desired.

OUR SPOONS AND FORKS

Are all stamped with the name

"PACIFIC PLATE WORKS,"

And are fully guaranteed.

Orders from the interior, and letters asking information, will receive immediate attention from us,

The most careful packers are employed, and no difficulty need be apprehended in having goods reach their destination in good order.

HAYNES & LAWTON,
216, 218, 220, 222 SANSOME STREET,
SAN FRANCISCO,
And 183 Main Street, Stockton.
21

Walter Brown & Co.

WILL HOLD THE

FIFTH REGULAR PUBLIC SALE OF

WOOL,

On the 15th of July, at their Warerooms,

26 & 28 Park Place & 21 & 23 Barclay St.

NEW YORK,

And the SIXTH will occur about the middle or last of AUGUST.

Their facilities for selling at Private sale are largely increased by these Public Sales, and consignors will receive the benefit of both methods without increase of charges or commissions. Sales generally made directly to consumers. Advances made when desired.

Commissions, 2 per cent, and Government Tax of 1-10 of 1 per cent, which covers advances, guarantee, and all charges after the receipt of Wool.

Consignments Solicited. Further particulars cheerfully given by letter when desired.
31-22 3m

WALTER BROWN & CO.

WOOL

COMMISSION MERCHANTS,

26 and 28 Park Place,

21 and 23 Barclay Street,

WALTER BROWN.
HENRY T. BROWN. NEW YORK.
21-22-1y

SPLENDID CASHMERE GOATS.

We Invite the attention of all who desire to purchase PURE BLOOD Cashmere Goats, to call or advise with us.

We have a List of the SPLENDID GOATS Imported by Hon. I. S. Diehl from Asia, and having been appointed to act for him, we are now ready to take orders for the same.

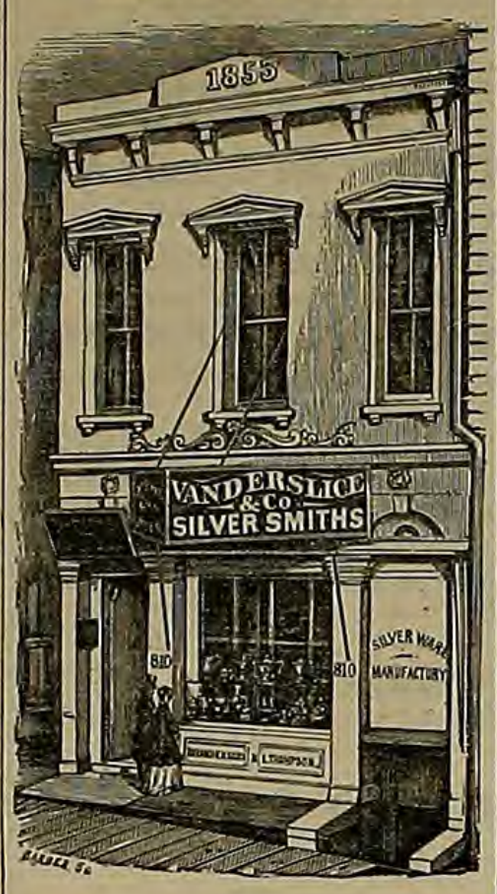
As the value of this fleece is now steadily increasing in demand, we shall soon have Mills for the manufacture of the same.

Address EDITOR FARMER.

New Advertisements.

W. K. VANDERSLICE. L. THOMPSON.

SILVERWARE MANUFACTORY.



We offer every kind and variety of Silverware of our own make, or made to order for purchasers.

We have demonstrated that we can easily compete with Eastern or European manufacturers, and those wishing to purchase Silverware, if they will call on us, we will convince them it is so, and that they can purchase of us a BETTER ARTICLE and at LESS PRICE than the Imported Wares.

Orders by Express promptly attended to, and at as low prices as could be obtained if ordered personally.

Manufactory and Salesroom,

No. 810 MONTGOMERY STREET,
JUST ABOVE JACKSON.

☞ Goods sold at RETAIL as well as Wholesale.

W. K. VANDERSLICE & CO.
31-19

THE

AMERICAN SUBMERCED PUMP

THE ONLY PUMP COMPOSED OF ALL METAL. no Rubber or Leather packing. For ease of working, great power in forcing, with bore, constitute these for Irrigation, or as a Fire Engine, the greatest Invention now in use in the way of Pumps.

They are on practical exhibition at the Company's Warehouse.

Farmers wanting a Pump, and who cannot come and see their operation, will be sent a Circular giving full particulars of their great advantages by addressing the

Pacific Pump Manufacturing Co.,

Nos. 211 and 213 California St.,

SAN FRANCISCO.

31-19

New Advertisements.

TO THE PUBLIC!!!

THE

SAN FRANCISCO

PACKAGE EXPRESS COMPANY.

CAPITAL.....$100,000

IS ORGANIZED FOR THE PURPOSE OF CARRYing Passengers, Baggage, Packages, and Parcels from the different Railroad and Steamboat Lines, and delivering the same to any part of the City.

To our friends from the Country this system presents itself for their consideration. They can give their checks, etc. to our Messengers on the Cars and Boats and feel perfectly sure that all will be safely and promptly delivered, thus saving any trouble with Hackmen or Job Wagons.

The Street Cars run from all Depots to the different Hotels.

Fruit or other Freight consigned to our care will be promptly delivered, and Freight Bills paid.

Mark Care of

"S. F. Package Express Company,"

Commissions for the purchase of goods in this City especially solicited, and articles forwarded as directed.

This Company commends itself to the General Public. The same system has been long in operation in Eastern Cities with great success.

GENERAL OFFICES:
222 Montgomery St., opposite Russ House,
AND
211 and 213 California St., near Battery.

D. V. B. HENARIE, Pres.,
T. A. MUDGE, Secy. and Treas.,
H. B. MURRAY, Supt.
31-19

TO THE MEMBERS AND FRIENDS
OF THE
Mercantile Library Association.

The very heavy expense attending the Erection and Furnishing the New Library Building, has very much embarrassed and is seriously injuring the usefulness of the Association, and we find ourselves really in very great need.

Will every one who feels at all grateful for the comfort and benefits furnished by the Association, make some personal effort to render the load of debt weighing upon us less burdensome?

The most practical and best means of doing this, is by increasing the number of Subscribing Members, thereby increasing our source of revenue and extending the benefits of the Library to a much larger number than at present.

Every one has it in his power to do something for the general prosperity.

You owe the Library something more than initiation fees and quarterly dues, and an earnest appeal is made to each and every member to assist. Get at least, one new member; many can do much more, but be sure that you at least get one.

By order of the Board of Trustees,

THOMAS R. HAYES, Rec'g. Secy.

San Francisco, June 8th, 1869.

WHO MAKES SCRAP BOOKS.

'Tis said "In the making of Books there is no End," and we know there are many persons who are always interested interested in SCRAP BOOKS, now to all such persons, we have some very important information which will benefit them.

It will be seen by our advertisement of OLD NEWSPAPERS FOR SALE that we can furnish just the *right material for Scrap Books*, for we have in this collection of Old Newspapers, a series of papers of 10 to 16 years and from every State in the Union, and also European papers; also select scientific and literary papers, Journals of all kinds, In these papers will be found much of the best Poetry of the age, also Stories, Anecdotes, Recipes &c., all very valuable, and these we shall offer at the low rate of $2.50 to $3, per hundred. Many of these are 12, 16 and 20 page pamphlets and magazines and other periodicals, those who want these collections will address

EDITOR CAL. FARMER.

THE BEE-KEEPERS' JOURNAL,

And Agricultural Repository.

A large and handsome monthly, at $1 a year. Specimen copies sent free. Edited by Homer A. King, and Ellen S. Tupper: the former, author of "The Bee-Keepers' Text Book. (Which has reached its eighth edition, having run 7 editions of 16,000 copies in two years.) and the latter Iowa's noted writer on Bee-culture. A specimen copy with liberal premium offers and "Hints to Bee-keepers" sent free. Write now and not forget it. Address

H. A. KING & CO., Nevada, Ohio.
Until Sept. 1, 1869, and thereafter in New York City.
31-19

The FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco not working well, I will fix it for nothing and pay all express charges.

SAMUEL HILL, Agent,
111 Montgomery street,
San Francisco.
31-19

Miscellaneous.

PRESERVE JARS.

The Best Patent Preserve Jar Manufactured.

MOORE JAR.

FOUR SIZES:
Pint, Quart, Three Pint and Gallon

HAYNES & LAWTON,
216, 218, 220, 222 Sansome st. San Francisco,
183 Main street, Stockton.
31-21

FIREWORKS!!!

AT

REDUCED RATES.

A. GIORGIANI

FRUIT STORE,

No. 421 Washington St. opposite Postoffice,

Laboratory, Van Ness Ave. near Polk St.

A LARGE VARIETY OF FRESH

TROPICAL FRUITS

ALWAYS ON HAND.
31-21-1m

JUST ARRIVED!

HALL'S IMPROVED STEAM THRESHING MACHINES

Having a Shoe with Solve 48 inches long, and the large Iron Planet or Smith Horse Power.

ALSO,

Indianopolis STEAM ENGINES,

Made by Sinker & Co.,

TOGETHER WITH

PORTABLE STEAM ENGINES,

Expressly for Threshing.

PATENT SELF-OILERS

For Cylinders and other bearings, warranted to save one-half the oil formerly used and have the bearings always lubricated.

MACHINERY OIL AND AXLE GREASE,

Warranted not to gum.

Mowers, Reapers, Headers, Etc.,

On hand and made to order, Grain Carriers or Drapers for all the different Machines, Header Belts or Drapers, Selves or Riddles, Screens, etc.

Extras of all descriptions constantly on hand

JOHNSON'S UNION

Washing Machine and Wringer,

The Best in use.

WM. LYNE,
115 and 117 Davis Street,
Between Sacramento and California,
SAN FRANCISCO.
31-19

SUPERIOR MELON SEED

FOR LATE PLANTING,

We have just received from New York, a small Invoice of *Superior Melon Seeds*, of the following kinds for late planting.

PURE ICE CREAM MELON,
TRUE NETTED CANTALOUPE,
LONG GOLDEN MUSK MELON,
GREEN FLESH MELON.

Now is the time to plant Melons on our river-band lands, and on all alluvial soils; planted now, they spring into bearing quickly.

For sale at FARMER OFFICE, 320 Clay St., up stairs.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once at our office, or addressing EDITOR FARMER.

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have "*Tule lands*," for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

Home Miscellany.

MAKE THE BEST OF ONE ANOTHER.

Make the best of one another,
In this world of trial sore—
Why should brother cause to brother
Heart-aches where was bliss before?
Why should peace be made to perish
In a single mortal's breast,
When the very thing we cherish—
Love—with life with joy invest?

Oh! how quickly life doth vanish—
See, its eventide speeds on;
Wise it is to wholly banish
Hate and wrong, ere hope is gone!
While the day lasts let us labor
In the cause of concord true,
That no hand may raise the saber,
Any bloody deed to do.

Heaven grant that every nation
Soon may dwell in harmony—
Man, in what'er rank or station,
Doing as he'd be done by;
Then shall strife and discord flourish
Nowhere 'neath the smiling skies;
That good-will which friendships nourish,
Making earth a paradise!

For the California Farmer.

THE MOTHERLESS.

How much of sorrow and distress, is sent up in that *one word*. O, how friendly the heart clings to Mother; no other friend is half so dear, or half as much needed as the true Mother. A Father is missed when death snaps the brittle thread of life asunder, but not like the Mother; she it is, that makes *Heaven* of *Earth*, and keeps the family ties all cemented by the cords of affectionate kindness. O, how much Mother is needed to restrain and curb the turbulent passions of her sons, as they grow up to manhood: and to advise her affectionate daughters as they are budding into womanhood, and train them to fill other families with the leaven of affection, and lead them to the Gates of Heaven. Then Mothers try to prolong your lives by taking the needed recreation that the country affords, do not spend time foolishly in embroidering and ruffling, that should be spent walking in the open air, and chatting with your little ones.

Not long since I saw a woman weeping bitterly, over the garments and patchwork of her Mother, and she exclaimed, "I'd rather have my Mother." And the thought suggested itself to me, whether that Mother might not have lived years longer, had she done less needlework, or made things plainer; not that I would despise beauty, but is not a beautiful, healthy, and happy woman, far more lovely than the nicest of needlework? And cannot they feel and hear and see. O then in view of all these things, let them try to improve their health, and thus Praise and Glorify our Maker and Preserver.

Toil for use and not abuse,
'Twill bring you health, and there is wealth,
That gold can never buy.
The rosy cheeks and sparkling eye,
Speak praise to Him, who rules on high.

ROSA.

June 12, 1869, Edentia Ranch,
Carpenteria, Cal.

Pie Crust without Lard. Messrs. Editors: I wonder if the large family of the *Country Gentleman* are aware that hundreds of thousands of dollars are worse than wasted, in the use of lard made into pie crust, annually. To be sure; a white, flaky crust looks nice and tastes better, but indulging our appetite in its use, lays the foundation for dispepsia, rheumatism, gout and palsy. For years I have been experimenting to find out how to make a palatable pie crust without lard, and finally have succeed. The process I give below, for the benefit of those who choose to profit by it.

Take good rich buttermilk; soda and little salt, and mix just as soft as can be mixed, and hold together; have plenty of flour on the moulding board and roling pin; roll very thin; then make and bake as other pies, or rather in a slow oven, and when the pie is taken from the oven do not cover it up. In this way a dispeptic can indulge in the luxury of a piece of pie.—*Mrs. E. A. Call, in Co. Gent.*

Lemon Cake.—Three cups loaf sugar, 1 cup butter, rub the butter and sugar to a cream; 6 eggs, 1 teaspoonful saleratus in a cup of milk, 4 cups flour, the juice of one lemon and the peel grated.

A lady who was about to give a party to a convention of clergymen, sent for a caterer, to assist in the preparations. He asked if she intended to give a dancing party. She replied that it was to be mainly composed of clergymen. "In that case madam," said he, "I would advise you to provide bountifully. Them pious people eat dreadfully."

A little girl attending a party was askek by her mother, how she enjoyed herself. "Oh," said she "I am full of happiness, I couldn't be any happier unless I could grow."

"I see through it," as Betsey Perkins said when the bottom of her tub fell out.

"Dis cord am horrible," as the musical nigger said when he was about to be hung.

OUR LADY CORRESPONDENT FROM PENN.

LETTER NUMBER SIX.

Green Tree, Pa., June 10th, 1869.

Dear Col:

One of the *Tribune* Editors has kindly furnished me with a text for my sermon this week.

It occurs in a letter written by that gentleman to Mr. Dunas' sprightly and popular paper. Here it is:

"Fifty years experience with the ballot will abolish petticoats and corsets for ever."—N. Y. Weekly Sun, June 2nd.

Then gentlemen, in the name of all the Graces, keep the ballot and leave us our petticoats.

But I must confess I do not see the connection myself, or why a recent writer suggests; a woman could not walk up to a ballot-box and drop in a little bit of paper, with the same ease and propriety that she now deposits a letter in the Post Office. I must own to a weakness for peticoats, even at the risk of drawing down the wrath of the dress reformers upon my defenceless head. But I also believe in women being allowed to vote if they want to. And whenever a majority of them does want to very much, why then gentlemen, you may as well step back gracefully hat in hand, for

"When a woman wills, she will, you may depend upon 't;
And when she wont, she wont, and there's an end on 't."

And we *will* vote some day, and we *wont* wear pantaloons, there now; and what are you going to do about it?

Mr. Meeker asserts further: "Were all women to put on pantaloons to-morrow, they would not only be just as virtuous, as modest and as beautiful as now, but they could walk the streets as beings attired for work, whether it be in the nursery or in the hospital" That they might be as virtuous and modest I admit, but that they would be as beautiful, or beautiful at all, I deny; pantaloons would transform Venus herself into a scarecrow. Ye gods! fancy Broadway thronged by female pedestrians in pantaloons, and pantaloons trimmed with gimp and lace, as Mr. Meeker says it is natural for women to trim their clothes. As to walking the streets as "beings attired for work"—we wont do it. We think that a dress that is suitable for the kitchen or garden, would be out of place on the street.

No thank you, when we get the chores all done up, we like to put on something nice and fresh, and take a little walk down to the village, or a run across the fields to see a neighbor, or saunter down Broadway—just as it happens.

But pantaloons in the nursery. Imagine the universal and appalling squall, that would deafen Christendom, should all the mothers in the land appear simultaneously in their nurseries as working beings. It is is my opinion they would find it pretty hard work to reconcile the affronted babies to the new regime.

Whoever has observed a man handling a baby in a long white wrapper, must have noticed the absence of that affinity that does somehow seem exist between babies and petticoats. And as to hospital work, when the Sisters of Charity petition for a dispensation, to put on pantaloons, I shall begin to think there may be something in it What would our soldiers have said, do you think, had Secretary Stanton, shut the hospital doors in the faces of the women because they came in peticoats instead of pantaloons? Why the poor fellows were homesick, for the sight of a petticoat. Had Florence Nightengale doffed the garb of her sex on entering the hospital wards, we should have missed that touching little story, of the Sick Soldier, and the Nurses shadow on the wall. I never heard of anyone kissing Dr. Mary Walker's shadow, did you?

I would not be afraid to put it to the vote among the soldiers, they would shout to a man,—"the petticoat, long may it wave!"

JENNY DARE.

The article on Dress Reform, alluded to by Jennie, will be found under the head of Miscellany.—Ed. Farmer.

GARDEN GROUNDS LAID OUT,

Those who wish their garden grounds renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardering can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

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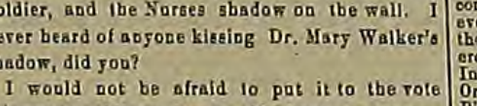

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Miscellaneous.

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The Best for Family Use,

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REVERSIBLE FEED AND SELF-ADJUSTING

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To the President of the California State Agricultural Society:

Your Committee on Sewing Machiner beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

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WASHING MACHINE!

A new lot of the above named Machines, including all the latest Improvements, are now ready for sale and can be sent to any part of the State.

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Santa Clara College, S. J.

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The Eighteenth Annual Session of this Institution will commence on THURSDAY, August 27th, 1868

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months, ... $35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

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STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

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There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the FARMER OFFICE.

Miscellaneous.

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New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of New Strawberries, Raspberries, Blackberries, &c., to which we call the special attention of all who desire the Best and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY, WILSON'S EARLY

Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.

Strawberries—DR. NICAISE, also to the GOLDEN QUEEN, GREEN PROLIFIC, rare

New Grapes—TEN VARIETIES New Grapes

As the amount of these new and rare things is limited orders only will secure them. Address

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OUR HOME INTEREST

Appreciating the injurious effect that will inevitably result to the material interest of this State and of its citizens, by the permanent withdrawal from circulation of nearly two millions of dollars coin yearly (an existing fact and the probability that even double this large sum of money will be increased each year and in a very few years, it will amount to the enormous sum of Ten Million of Dollars or more, per annum, it is sent East for investment in the purchase of Life Insurance instead of being retained at homes to promote and encourage its investment here the commercial, mechanical, agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this growing evil could be checked, and the citizens of this and the other States on the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION, whose capital and assets will not be impaired or withdrawn affected by the change in values that will ensue on the return by a return to specie payments in the other States of the Union. Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to every citizen of this State, who feel an interest in its prosperity, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing and supporting a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

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All profits divided among the assured.

One half of the annual premium loaned to the assured at any time when desired.

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This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premiums, for a period *corresponding* to the time they have paid in cash, by merely giving their note, and paying the interest in advance.

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31-16 1mo

Miscellany.

DRESS REFORM.

A TRIBUNE EDITOR ADVISES WOMEN TO WALK THE STREETS ATTIRED AS PAGES.

To the Editor of The Sun.

Sir: When Olive Logan's card appeared the other day many hearts rejoiced that there was one actress brave enough to speak the truth. Two days ago the same throb of exultation was felt when Lydia Sayer Hasbrouck had the courage to denounce one of the greatest nuisances of the age. Mrs. Hasbrouck spoke the sentiment of a majority of men, but still she advocated a costume which, like the Crittenden compromise, has done little towards aiding the cause of freedom.

The public are sick of trails, and so they are of Bloomers. Either costume tends to discourage all attempts at reform. It is just beginning to be understood that utility is of much more importance than fashion. Still the people will never be deprived of beauty nor symmetry, and until a proper regard is had for these, no dress reform will ever be successful. To say that the body is of little consequence compared with the soul, and that silks and flounces make one neither better nor worse, is all very well; yet the fact that men and women will admire the gay and worship the beautiful cannot be overlooked. It is true that as we advance in the intellectual scale, the desire for outward show diminishes, but human nature is as boundless as the universe, and for every Emerson there are a thousand Flora McFlimseys. The custom of wearing clothing suspended from the waist is radically wrong. It was not until the dawn of modern civilization that men themselves adopted their present garb. Even the blindest cannot fail to see that it is the only one which permits a perfect development of the human form. Had God intended that woman should dress in the present costume, He would surely have created her in another image than that of man. It is natuaal for her to select gay colors and put on gimp and lace, but this has nothing to do with the style in which her garments are cut.

Man has considered woman an inferior being, and he has educated her accordingly. Petticoats are emblems of slavery the same as are the veils of Turkey, and the stripes of Sing Sing. Were all women to put on pantaloons to-morrow, they would not only be just as virtuous, as modest, and as beautiful as now, but they could walk the streets as beings attired for work whether it be in the nursery, or the hospital.

When God created the birds he plumed them with feathers, male and female, and the fishes He clothed with scales. Who ever heard of a tigress having wool like a sheep, or hair like an ox? Yet no one has seen a stage girl attired in a page's suit, but he did not admire her dress. A similar costume might be adopted by our young women, that would be far more becoming than the one worn at present. The garments could be cut after any desired pattern, so that the fundamental principles be observed. About the only good thing the stage has given us, is now and then a decent female costume. Universal suffrage is the only remedy for the present evil. Fifty years experience with the ballot will abolish petticoats and corsets forever.

RALPH MEEKER.

TRIBUNE OFFICE, May 21, 1869.

CLIPPINGS, ABROAD AND AT HOME.

GOLD AND PAPER CURRENCY.—The Virginia *Enterprise* remarks.

Gold is current at present as far east as Promontory Point, in Utah, in fact, just as far as the Central Pacific Company have carried their road. At Corine, the traveler going east strikes a green-back country; a country where the people look with astonishment and perplexity upon a gold coin and scarcely know what to do with it. Prices, as far as the Promontory, are on a gold basis. Thus the traveler who starts from Sacramento pays $1 in gold for his meals, up to Promontory. Thence eastward he is agreeably surprised to find that the charge is only $1 in currency. On the other hand, the traveler bound west discovers with a lengthened face, that the meal which only cost him $1 currency at Corine, requires $1 25 or more 20 miles west of that town.

WARM WEATHER AT THE SUMMIT.—The Sacramento *Bee*, thus reports the weather at the Summit so warm, that the Silk Worm Eggs would hatch and had to be removed.

L. N. Hoag of Yolo county had sent to the summit a quantity of silk worm eggs, fearing that they would hatch too early here. The eggs were placed under the floor of the Summit House, immediately north of which there is a large bank of snow. Mr. Hoag recently recieved a letter which gives the weather at the Summit thus—June 1st, thermometer at noon, 53; at two P. M., 58; at three P. M., 61. June 2nd; noon, 58; two P. M., 60; three P. M., 62. Yesterday was then by far the hottest day of the season. The eggs are at once to be called home and placed in a refrigerator.

SILK CULTURE IN NAPA.—We learn that Mr. Baxter, who recently purchased the farm of J. Eggleston, some two miles from town, is going largely into the silk business. He has set out thirty thousand mulberries, and erected the necessary buildings.—[Napa Register.

—The largest "log jam" ever known on Black river, Wisconsin, was formed this spring on an island near Eaton's mill, about eighteen miles north of Neillsville. The jam was three or four miles long, and the amount of logs it contained was estimated by competent judges to be about seventy-five or eighty million feet.

Mr. H. T. Helmbold, the well known druggist of New York; returns for this year an income of $152,202. All this comes from advertising. Mr. Helmbold expenditures for advertising average over $10,000 a week.

New Advertisements.

GYPSUM. (Sulphate of Lime.)

This well known but most wonderful fertilizer has not yet been practically introduced into the Agricultural interests or before the minds of our California cultivators, for the reason that there was no supply, and because it was hard to make them believe our lands needed manuring.

The time, however, has arrived when, by the admitted fact of the deterioration of our soil and the lessening of crops, something must be done to restore the soil and bring it into that state of fertility necessary to make it profitable to cultivate the soil.

Gypsum is a compound of Sulphuric Acid and Lime, and the object of this fertilizer is the fixing of Ammonia, thus making it the direct food of plants, either by supplying the Sulphate of Lime or by its decomposition, affording the Sulphur so necessary to the due development of certain plants.

Sprengel's Analyses shows the quantity of Lime and Magnesia, Sulphuric and Phosphoric Acids to be very large in the following plants, and for these this fertilizer has no superior:

Wheat, Barley, Oats, Potatoes, Cabbage, Swedish Turnips, Clover, Beets, Turnips, and root crops generally; thus ensuring to a certainty its great importance to the Farmers.

Liebig's Natural Laws of Husbandry gives conclusive proofs of its superiority as a fertilizer on Clover and Grasses, furnishing details of experiments made by distinguished men in various parts of Europe.

According to the experiments made by Buckholtz, Gypsum is composed of *thirty-three* parts of Lime, *forty-three* of Sulphuric Acid, and *twenty-four* of the water of crystalization.

Gypsum is often called Plaster of Paris, but this is wrong—it only takes that name and character when it has been deprived of its water of crystalizates by fire; there it becomes *Calcined Gypsum* or Plaster.

Gypsum for Dry Countries like California, will prove immensely valuable, as when used as a fertilizer in our hot and dry soil, its waters of crystalization are seperated by means of our hot climate and go at once to benefit the plants, while the Acids and Sulphate of Lime is taken up by the soil, enriching it to a very great degree.

The undersigned is now prepared to furnish this valuable fertilizer by the quantity to all who desire to try its well attested virtues.

CHAS. J. JANSON,
222 BATTERY STREET.

31-19

To Hay-Makers!

The Great Stacking Fork.

WE OFFER TO THE HAY-MAKERS OF THE PACIFIC Coast, the Celebrated

HARPOON HAY STACKING FORK

One of the best inventions of the age. With this Fork, A Great Saving of Time, Strength, Labor and Expense is made, as it is indeed a very valuable and important implement, both to Hay Makers and Grain Growers. This machine is used to load and unload Hay or Grain Waggons to Barn or Stacks, and is very extensively used at the East.

We have received a few of these Implements which can be seen at our Office. Having more on the way, we are prepared to take orders for them in quantities to suit the trade, as we have the Agency for the sale of them for the Pacific Coast.

Sample Implements, and all Particulars at our Office.

WARREN & CO.,
"Farmer Office," 320 Clay Street, up stairs.

CAST-STEEL DAIRY KNIVES

WE HAVE RECEIVED INVOICES OF THE CELEBRATED

Cast-Steel Dairy Knives,

Manufactured by D. G. Young of New York. We have them of all sizes, from those of FOUR BLADES to cut FIFTEEN INCHES, up to THIRTEEN BLADES to cut TWENTY INCHES.

These Knives are of very great advantage to Dairymen, and are worthy their attention.

For sale by **WARREN & CO.,**
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1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the FARMER. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.

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30-10

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MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct a very erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the PACIFIC COAST, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all HUMAN ENTERPRISES, the PACIFIC RAILROAD, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and the who wisely ADVERTISE NOW, will be the FIRST TO SECURE IT, and when once secured, they can HOLD ON TO IT.

We therefore invite all those who have valuable IMPLEMENTS, MANUFACTURES, INVENTORS, BOOKS PAINTINGS, etc. to the Columns of the CALIFORNIA FARMER, that will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop's.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
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J. G. Bray,
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Moses Heller,
H. M. Newhall,
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Chas. Mayne,
Moses Ellis,
E. L. Goldstein,
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W. Schollo,
Morton Cheesman,
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T. L. Barker,
Alex. Weill,
Chas. Meyer,
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H. H. Bigelow,
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Edgar Mills,
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HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L. AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum:

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market. Please see that their trade mark,

H.&L.

Is on the red cover of the package.

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S NORTH POINT GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit of five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORNIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Oils, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Pinnacle Oils.

Alcohol, Turpentine, Lamp Stock of all kinds.

Gasoline, gravity 84.

Naptha, gravity 63 and 71.

Also Grant's Candles, in lots to suit.

30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, June 24.

Our Grain Market is very dull; but little Grain comes in, and although there has been an advance in the price of wheat in Liverpool and in New York, by reason of local, but only temporary causes, there is no export demand to any extent.

Our producers must study the markets more, and give more attention to their own interests, by making themselves familiar with every action that affects the movement of Grain abroad or at home.

The new Elevator at Vallejo, the transmission of Grain by our railroads, markets abroad and at home, should be their study; for it is their own interest.

Grain is known to be abundant in all the Grain growing States west of New York, and although there has been an active shipment recently from New York, it is admitted that it can only be *temporary*, and that Grain, by reason of heavy crops, must rule low. We hope our growers will be wise and change Grain into Gold as fast as possible—the present time will prove their best.

Grain, &c

Wheat California, ₱ 100 lbs	$1 30	@	1 40
do Extra	1 50	@	1 60
Barley, ₱ 100 lbs	1 00	@	1 20
Rye ₱ 100 lbs	3 00	@	3 25
Oats, California, ₱ 100 lbs	1 40	@	1 70
Corn ₱ 100 lbs	1 25	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 25	@	2 50
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	14 00	@	18 00
Middlings ₱ ton	20 00	@	27 00
Oil Cake Meal, for feed, ₱ ton		@	30 00
Beans, ₱ 100 lbs	4 50	@	600
Potatoes Old	50	@	75
Potatoes, New	1 50	@	1 50
do sweet	90	@	1 10
Onions	12 00	@	16 00
Hay, ₱ ton, extra	8 00	@	10 00
Hay, ₱ ton, ordinary	—	@	—
Straw ₱ ton			

Retail Prices in the Fruit Market.

Our Fruit Market now assumes its Richest Garments, and puts on its full robes. *Peaches, Figs and Melons*, come to add their *sweet* and luscious juices for the palate. Figs from the warm "Putah" region, and Melons from the sandy soil of the Yuba at Marysville—luscious for a "Hot Day." Dried Cherries, too, of the present year's crop, comes for a luxury.

Apples, ₱ box	1 50	@	3 00
Apples, ₱ lb	6	@	10
Pears, green, ₱ lb	6	@	10
Plums, ₱ lb,	15	@	25
do Large	—	@	—
Peaches, ₱ lb	20	@	25
do Dried	10	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	8	@	12
Cherries, ₱ lb	15	@	40
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	a	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	40	a	50
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
do Fresh, ₱ lb	—	@	25
Strawberries, ₱ lb	15	@	25
Rasberries, ₱ lb	—	@	20
Blackerries, wild ₱ lb	—	@	15
Gooseberries ₱ lb	—	@	12½
Currants, ₱ lb	12	@	15
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
California Almonds, green	—	@	15
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

The lovers of "Vegetable Diet" can feast upon *fat things*, for our Market is most nobly supplied, and we think the "Committee on Ways and Means," if they have seen our Markets, will admit that California is the place to *Live*. No market can show anything equal to it.

New Sweet Corn and the Egg Plant are now in Market.

Asparagus, white ₱ lb	8	@	12
do green	—	@	8
Artichokes, (Fr.) ₱ doz	—	@	25
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	75	@	1 00
Cauliflower, ₱ doz	75	@	1 00
Cabbage, ₱ doz	75	@	1 00
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	20	@	30
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	50
Garlics, new		@	12
Green Peas, ₱ lb	4	@	5
Green Corn, ₱ doz ears		@	25
Sugar Peas	10	@	12
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	5	@	6
Horseradish	20	@	25
Okra, dried, ₱ lb		@	25
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2 00	@	2 50
do Sweet		@	
Pumpkins		@	
Parsnips, ₱ doz bunches	—	@	25
Parsley	—	@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	8	@	10
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	—	@	25
do Red	—	@	—
Squash, Summer	4	@	5
do Marrowfat	3	@	5
do Hubbard	3	@	8
Beans, String	6	@	8
Green Lima, shelled		@	
Spinage, ₱ basket	25	@	40
Salsify, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	—	@	8
Garlic	—	@	12

FISH

(Tessmore and Mayes.)

Our Fish Market is not overstocked, yet a good supply, and the well-known caterers, Tessmore & Mayer, who now enter into the Fish trade *wholesale* as well as retail, will always have a supply.

Salmon, ₱ lb	—	@	10
do smoked, new	10	@	12
do pickled, ₱ b	8	@	10
Salmon Trout ₱ lb	—	@	38
Smelts	8	@	10
Perch		@	10
Rockfish		@	10
Codfish, dry	—		18
Herring, fresh	—	@	
do smoked ₱ 100		@	1 00
Tomcod	15	@	18
Sardines, fresh	—	@	8
Solefish	—	@	25
Crabs large ₱ doz	—	@	1
do small		@	25
do soft	—	@	50
Terrapin, ₱ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	—
Shrimps, ₱ lb		@	10
Flounders	—	@	12
Sea Bass		@	
Halibut, rare	—	@	75
Sturgeon	—	@	4
Oysters, ₱	100	@	1 25
Lobsters, ₱ lb	40	@	12
Turbut		@	50

MEATS-

(Leopold Miller.)

Our Beef Market and the solid Meats are not very active, by reason of the greater use of Fruit and Vegetables, and the absence from our city of large numbers who are traveling and enjoying life, at the "Yosemite," "Geysers," "Calistoga," "Pescadero," and elsewhere, and as they eat away from "Home," the caterers in our markets for a "Good Dinner," lose some customers.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	10	@	12
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	15	@	18
do cullet	—	@	18
Mutton, chops, ₱ lb	10	@	12
do leg	—	@	10
Lamb, ₱ lb	12	@	15
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

POULTRY AND GAME.

Poultry remains in *statu quo*, as our Farmers are busy, yet there is a good and fair supply. A few days and we shall have Venison and other Game.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back	—	@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese wild, ₱ each		@	
do tame	2 50	@	3 00
Chickens, Young, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	1 00	@	1 25
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 50
Venison, ₱ lb		@	—
Quails, ₱ doz		@	
Pigeons, domestic, ₱ doz		@	4 00
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	12 00
Spring Chickens	6 00	@	8 00
Turkeys, ₱ lb	26	@	28
Ducks, tame, per doz	7 00	@	10 00
do wild	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz	—	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Our Dairymen are not as wide awake as they should be. If they would rally and unite and make proper efforts they could stop the Importations of Butter and Cheese, and the efforts of other producers could wholly check the importations of Lard, Bacon, etc. See prices annexed.

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	40
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	45
Farralone Eggs, ₱ doz	—	@	40
Cheese, ₱ lb	—	@	25
Lard, California	—	@	20
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	32½	@	37½
do do packed	—	@	—
do Eastern (new)	32	@	35
Cheese, California	15	@	17
Eggs, ₱ doz	—	@	40
Farralone Eggs, ₱ doz	—	@	30
Lard, ₱ lb	—	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 9 @ 10c ₱ lb
do. 2d do. 8 @ 9c.
MUTTON—6@8 ₱ lb. LAMB— 9@10c.
PORK—undressed, —7@10c; dressed, 11@12c.
VEAL—10@12½c ₱ lb.

New Productions of California,

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 50	@	1 75
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	15@18
do extra	18@20
Medium	15@18
do burry	10@12
Wool-sacks, new	80@1 00
do second-hand	40c@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	9¼@9¾

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN, PROPRIETOR

SPECIAL NOTICE.

We must inform all persons who sends us *Advertisements* from other States, that they will not be inserted in this Journal unless *Paid for in advance*. We have several small *Bank Checks sent us*, which proved *worthless*, the names of the *Drawers* are placed on our *Black List*, and will be published unless soon redeemed.

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,

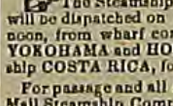
California Farmer Office

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS



Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR JUNE

The following Steamships will be dispatched on dates as given below.

June 9—MONTANA, Capt. E. S. Farnsworth, connecting with ALASKA, Capt. Gray.

June 18—COLORADO, Capt. W. H. Parker, connecting with HENRY CHAUNCY, Capt. Conner.

June 30—CONSTITUTION, Capt. Wm. H. Hudson, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

oc4 OLIVER ELDRIDGE, Agent.

THE GREAT OVERLAND RAIL ROUTE,

VIA.

CENTRAL PACIFIC RAILROAD

OF CALIFORNIA.

THROUGH FREIGHT AND TICKET OFFICE;

No. 415 CALIFORNIA STREET,

(HAYWARD'S BUILDING,)

SAN FRANCISCO.

TICKETS SOLD, SLEEPING-CAR BERTHS secured, Freight rates and other information given upon application at this office.

BAGGAGE checked through to points on the Central Pacific Railroad and Omaha at the California Steam Navigation Company's Dock, from 1 to 4 P. M., upon presentation of ticket, without expense to the passenger for transferring from steamer to cars at Sacramento.

THROUGH TIME (EASTWARD,)

JUNE, 1869.

Trains Run Daily.	Dist.	Time.	Running Time.
Sacramento, leave	....	6:30..A. M.	.....
Promontory, arrive	690	9:55..P. M.	1 day 15¼ hours
Promontory, leave	....	10:30.. ..	.....
Omaha, arrive	1774	1:30..A. M.	4 days, 3 hours
Council Bluffs leave	....	11:00.. ..	.....
Chicago, arrive	2258	1:30..P. M.	5 days, 7 hours
Chicago, leave	....	5:15.. ..	.....
New York, arrive	3167	6:30.. ..	SEVEN DAYS.
Council Bluffs, leave	....	10:00..A. M.	.....
St. Louis, arrive	2214	11:30.. ..	5 days, 5 hours

Prompt connections made at PROMONTORY.

FARE.

San Francisco to Promontory (Coin)		$ 50 00
.....	Omaha (currency)	123 00
.....	St Louis (currency)	153 00
.....	Chicago (currency)	153 00
.....	Cincinnati (currency)	166 50
.....	Niagara Falls (currency)	170 50
.....	New York (currency)	173 00
.....	Boston (currency)	176 00

Children NOT over Twelve (12) years of age Half Fare under Five (5) years of age, Free.

100 pounds Baggage (per passenger) Free.

☞ For Tickets and other information, apply at the Company's Offices.

C. CROCKER, General Superintendent

T. H. GOODMAN, General Freight and Ticket Agent.

June 21st, 1869. 31-22

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings, Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m.

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuges now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take neither Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S

CELEBRATED LIVER PILLS,

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR. McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR. McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It is our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the power of the Stomach, Bowels, Brain, and the whole Nervous System should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has also a connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Mucous, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every one. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken as Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow them. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are inferior to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. McLANE'S

American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and are ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous train of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, udicious in other respects, but which entirely fails in consequence of worms being overlooked. Even in cases of great violence, if a potent and rompt remedy be possessed, so that they could be expelled with loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an arc or circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy matter; tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a painful sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten years a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE & FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the same stamped on the lid of the box, in red wax.

Prepared only by

FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, JULY 1, 1869. NUMBER 23.

The California Farmer AND Journal of Useful Sciences.

PUBLISHED EVERY THURSDAY EVENING

BY WARREN & CO.

Office—No 220 Clay street (up stairs), below Battery.

SAN FRANCISCO.

TERMS OF SUBSCRIPTION.

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...ity subscribers, delivered by carrier, 12½ cents a number or $6 a year in advance.

...Advertisements and Subscriptions must be paid for in advance. Payments in Gold or Silver.

...All letters on business connected with the office should be addressed to WARREN & Co. PUBLISHERS.

SAN FRANCISCO, Cal.

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...ER & BAUER, Washington street, opposite Postoffice.

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...ORIN ANDRIEUX & Co., Seedmen and Florists, Paris.

...R. STRONG, Seedsman, Sacramento.

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...RS. VILMORINE, ANDRIEUX & CO., Paris,

ome Correspondence,

ETTER FROM MARGARET'S JOURNAL.

CASE'S RANCH, YULUPA VALLEY, June 24th, 1869.

...Farmer:

...wish I could show you this charming little ...y and the scenery around me this pleasant ...morning! I am resting on the lap of dear ...other Earth, who does indeed "rock me to ...p" so often, that I am in danger of forgetting ...ything but the dreamy delight of the present ...ent. This place is beautiful enough to real...ze the Happy Valley of Rasselas.

...he dewy, fragrant atmosphere, the clear run...g water of the pebbly brook with its delicious ...ress, the grassy lawn with its varied wild ...ers, the grand old Oak and Bay trees on the ...th and west with their broad leafy arms shelter...g from sun and wind, the lofty mountains on the ...th rising in solemn grandeur thousands of feet ...ve the sea, the "canon crimped hills" at their ..., the cultivated fields in front, all conspire ...fill the mind with impressions of beauty, and ...soul with a sense of delight, which naught ...n afford but the scenes of nature.

...as I sit dreaming in the shadow of these mag...ficent Oaks, I see before me a most lovely pan...ma—a level space with a broad avenue in the ...ter, leading to the house. On one side neatly ...anged flower and vegetable garden, well stock...d with esculents enough to delight the heart of ...experienced cook. Beyond this a large orchard ...th a great variety of choice fruit.

...The center of this lovely spot, half hidden by ...thick foliage of Oak, Locust and Bay trees, is ...pleasant, roomy cottage, neatly arranged, con...ining all those little coaxing, cozy comforts of a ...Home, a place truly such as we poor city ...llers seldom find for summer rest and recrea...n.

...would like to introduce to you the owners of ...s charming spot—a gentleman and his wife, ...d one fair daughter. He is one of nature's ...blemen, a true specimen of a genuine New Eng...d farmer. His worthy wife, a model house...per, whose savory viands would create a whole...me appetite in the most confirmed dyspeptic—...ch delicious broiled chickens, such snowy, ...ious biscuits! such tea and coffee, with *real* ...m! Surely one might be forgiven for turning ...ure and praising the tastes and pleasures of ...table, while enjoying the dainty fare each day ...pared for this worthy family and their numerous ...ests.

...The beautiful valley is situated northeast of ...alistoga and southeast of Santa Rosa. It is no...ed chiefly for its fine grapes, which make excel...t wine. Last year the two principal vineyards ...oduced about forty thousand gallons of wine. A ...considerable quantity of wheat, oats and barley ...are raised here. The buildings, fences, etc. would ...compare well with those of well-to-do farmers in ...the Eastern States.

...I have just finished looking over a late number ...of the Farmer. I was quite interested in the de...ption of the Pacific Railroad Celebration in ...New York, by our old friend M. A. S. He seems ...to have lost none of his love for California though ...he is so coolly down among his "household ...gods" near the crowded streets and avenues of ...Boston.

His friends would gladly welcome him, either in San Francisco, or to the classic shades of Benicia, where of old time we were wont to hear his pleasant voice, or listen to the sweet melody of his fairy fingers on the ivory keys of his favorite instrument, or to enjoy by his side a gallop over the delightfully smooth roads or gentle declivities of the Benicia hills. I wonder if he doesn't remember a certain sorrel nag and the "one horse shay," in which he occasionally treated himself to an airing among those breezy old hills?

I am glad also to see in your columns the name of another old friend of Benicia memory, Israel Diehl. Having wandered in many lands and seen perilous adventures, by flood and field, in the old world as well as the new, he comes to us with his mature thought and varied experience, painting for us his word pictures in colors heightened by his own vivid imagination and keen sense of the beautiful in nature, art and science. I hope that in some of his peregrinations on his lecturing tours in Sonoma county he will not forget to stop at Cottage Home and greet an old friend of "Good Templar" memory who will be glad to welcome him back to California and talk with him of days long past and friends, some of whom rest sweetly beneath "that low green tent whose curtain never outward swings."

What a wonderful tablet is that of Memory!—We turn its mystic leaves and recall the faces of old friends. We hear again their merry voices—voices, alas! which we may never hear again but from which time and distance divide us almost as entirely as the icy hand of death:

You see that I am rambling away from this delightful scene to the haunts of memory and I must return to present thoughts and close my scribbling. You shall hear again soon from

MARGARET.

SAN FRANCISCO WOOL EXCHANGE.

JULY 1st, 1868.

IMPORTANT ADVICE TO WOOL GROWERS.

We deem it our duty to call the attention of our Flock masters, to the unsatisfactory state of our Spring Wool this year, which is generally very short and of very poor condition.

The shortness of staple, arises from the late Fall shearing of last year; some Farmers, on account of the high prices of the Fall Clip, having shorn as late as September and October, leaving only 4 or 5 months growth for the New Spring Clip.

One of the results being, that fleeces have no weight—as a proof we would state, that last years bags from the country contained an average of 76 fleeces to the bag, while this year, the lots of short staple contained from 100 to 130 fleeces to the bag.

The bad condition arises wholly from neglect of the flockmasters.

The wool this year had more dirt and tags than ever before, besides, most of the lots contained more or less *defective* and *wet* fleeces, which could only be detected by grading.

So far, we beleive that we have rejected by grading more than 6 to 8 per cent. of unmerchantable wools.

Letters received from manufacturers East, who were in the habit of using California Wools, say that the Wools this season are totally unfit for many purposes, for which they were used previously, on account of shortness of staple. According to later advices yet, the best Wools this season are considered fully 25 per cent less value than last year, and buyers here have received orders not to purchase these short defective Wools at any price.

It behooves our flockmasters to redeem the good name of California Wools by strict care and attention this fall and winter, principally in avoiding a late fall shearing, otherwise it will be found next to impossible to dispose of the Wool to any advantage, as manufacturers will turn their attention to other Wools for the same purpose.

No FALL WOOL should be shorn later than the end of August, *leaving full 8 months* growth for the next spring clip.

Receipts of Wool from April 1, to June 30,

From the North.

	1869.	1868.
Bags—	16,748.	19,694 less 2,046 Bags.
From the South.		
Bags—	10,592.	8,042 plus 2,550 Bags.
Total	27,340.	27,736.

McLENNAN, WHELAN & GRIZAR.

THE FLORENCE.

In the early days of New England, when *Straw Bonnets* first came into fashion, the Florence *Braid* was the rage, and nothing shown in the way of a Pretty Bonnet, has ever surpassed it yet.

Now that *Sewing* is all the rage, and the great contest among Sewing Machines, grows more and more interesting and earnest, the FLORENCE still maintains the lead, for it is a FLORENCE *Braider* and a FORENCE *Sewer*, and by the sales of the FLORENCE SEWING MACHINE, it is clearly evident, that the Florence with its new and valuable improvements, A No. 1 before the Public now.

FRUIT GROWERS' CLUB OF NEW YORK.

This Club convened yesterday (June 10) at 1:30 o'clock, P. M., with Dr. J. E. Soodgrass presiding, who called the meeting to order and announced that they were ready to proceed to any miscellaneous topics that might be proposed for consideration.

Mr. W. M. Doty, of Keyport, spread the table with fine strawberries, of the Agriculturist and Charles Downing varieties, and Mr. Carey showed a quantity of the Wilson & Schenck Excelsior and some other varieties.

Then a brief talk ensued on the subject of strawberry culture. The Charles Downing was thought to be about as sweet as any other berry. But this is not so popular as a market berry as some others. It was thought best to grow strawberry vines in rows about eighteen inches apart, with the plants six inches apart in the row. One plant growing alone will produce ten times as much fruit as when allowed to run together.

A. S. Fuller related an experiment in the culture of a bed of strawberries. The bed was 100 feet long and 25 feet wide. The ground was spaded two feet deep and a great many loads of good cow-stable manure thoroughly mingled to the depth of two feet. The runners were then kept cut off.—He sold off that bed $87 worth of berries, beside the large quantities consumed by himself and friends.

Mr. Young, of 244 Washington street, presented a large watermelon, from Florida, which was cut in pieces and distributed among those present.—He stated that such melons were being sold in the market for $1 to $2 each.

W. S Carpenter related his manner of growing watermelons, which is to dig a hole about two feet deep and fill it with good manure, and the seed planted on the surface.

On motion of L. L Whitlock, it was voted that a premium of $50 be offered for the best exhibition of strawberries, to commence on Thursday of next week, at Horticultural Hall, at 1 o'clock P. M., to be continued for three weeks. Competition is open to fruit growers in every State. Also a second prize of $25 to be offered for the best seedling berry of this or last year. The seedling must be shown with some fruit on a plate and one or more plants growing in a pot.

The committee consists of Mr. Chas. Downing, Prof. G. Thurber, Mrs. E. Lyon, C. G. Bragdon and H. B. Smith. The exhibition will continue through the entire strawberry season.

Mr. C. F. Jones was canning strawberries by the aid of steam. The jar, or a jug, which is just as good, is filled with clean and ripe berries. Then a pointed tin tube as large as a wooden pencil is thrust into the fruit, so that the steam is forced out among the fruit near the bottom of the jar.—The fruit will all be thoroughly steamed in five minutes, so that the covers may be put on. No sweetening is employed, and no jars are broken by this simple process.

Some of the most curious novelties on exhibition were a lot of cast-iron bird cages, made by the Miller Iron Company, of Providence, R. I.—They were of various sizes and styles of architecture, neatly painted and exceedingly beautiful and cheap. Some of them were two-story, with Gothic finish, and a neat veranda on both sides, all of thin iron and so arranged as to be placed on the top of a high pole or post. Flower stands and hanging paskets of a very neat style of workmanship, were also made of cast iron, all of which were said to be much cheaper than similar articles that are made of other materials.

As Mr. Thos. McElroy has donated over $3,000 worth of all kinds of seeds to Southern agricultural societies, gratuitously, the officers of the Fruit Growers' Club desired the Press to request representatives of all Southern agricultural societies to forward their address to either of the officers of the Fruit Growers' Club, No. 37 Park Place, New York City, when a package of seeds will be forwarded to the address of such societies as may desire a supply. The Club then adjourned for one week.

"OYS" FINE "OYS."—The epicure and all who love good things, are anxiously waiting for the good time coming, when we shall feast upon the "Chesapeake Bay Oysters;" so much for the Pacific Railroad.

The *Bee* tells of a letter to a friend, who says:

As soon as the oyster season commences again, Sacramento, San Francisco, and all intermediate places on the railroad, will be daily supplied with Chesapeake Bay oysters, as large preparations are being made by our dealers for the new trade in their business, opened by the completion of the Pacific Railroad; and I hear that New York and Philadelphia will also furnish you with their higher priced planted bivalves. I know from experience that there is no such thing now in California as a good fresh oyster; in fact I at the time fully agreed with the writer in one of your papers who described their taste, as that of the result of a dirty penny soaked in vinegar. I am told there will be no difficulty during the cool months in delivering oysters on the pacific Coast perfectly fresh, in the shell, or opened and canned in large cans.

WORK AND WOMEN.

We commend most earnestly to our Women the article we place in our Home Department, on the Resolutions of some noble Women of New York. These are the *True Sentiments* that should inspire noble Women. To those sentiments we add some great truths under the words

LOVE OF THE BEAUTIFUL.

Place a young girl under the care of a kind-hearted, graceful woman, and she unconciously to herself grows into a graceful lady. Place a boy in the establishment of a thoroughgoing, straightforwrad business man, and the boy becomes a self reliant practical business man. Children are susceptible creatures, and circumstances and scenes, and actions always impress. As you influence them, not by arbitrary rules, nor by stern example alone, but in a thousand other ways that speak through beautiful forms, pretty pictures, etc., so they will grow. Teach your children then, to love the beautiful. Give them a corner in the garden for flowers; encourage them to put it in the shape of hanging baskets; allow them to have their favorite trees; learn them to wander in the prettiest woodlets, show them where they can best view the sunset; rouse them in the morning; not with the stern "time to work," but with the enthusiastic "see the beautiful sunrise!" Buy for them pretty pictures, and encourage them to decorate their rooms in his or her childish way Give them an inch and they will go a mile. Allow them the privelege and they will make your home beautiful.

And to these we would add the eloquent words of the Rev Dr. Chapin, which shows "Where Woman's Power Lies," and where these sentiments shall prevail, our women will be Good, True, and Beautiful, the last, Best Gift of God to Man.

WHERE WOMAN'S POWER LIES.

The true power of woman is in the resistless power of affection. In asserting this, am I attempting to mask the great questions of our day, with "a glittering generality?" Am I disposed to deny any lawful claims which woman may make for a more extensive recognition of her rights, or a larger field for her powers. No; I am not doing any such thing. Let woman do whatever her faculties can achieve—let her go wherever her instincts demand—if she truly follows her instincts, I am sure she will not go wrong. I am sure of this, also; that wherever man may lawfully go, woman may lawfully go. Wherever woman ought not to be, it is a shame for a man, it is a shame for humanity to be. I merely insist upon this, that whatever woman may accomplish in the world with brain or hands, will draw its vital efficacy, its talismanic virtue from the heart; and that her strength in all these various shapes of action and of influence, in its root and essence, will be the strength of the affections. The hiding of woman's power must ever be in the fervor and steadfastness other love. And her most triumphant characteristic is love culminating in its highest expression—that of self sacrifice. A thoughtful writer has observed the contrast between the sexes even in their play. "The boy," he says, "gets together wooden horses and a troop of tin soldiers and works with them. The girl takes a doll and works for it." That is womans great peculiarity—the work of self sacrifice—working for others.

THE GRAIN ELEVATOR AT VALLEJO.

We understand that this notable Institution has commenced its work, and some One Hundred Tuns have been deposited in the monster Institution:

We have been inquired of lately, when it was to be in working order, and it seems the Public know but little of it our opinion frankly expressed is, *that it will cost more than it comes to*, as the old saying is, for we feel very confident that our Farmers will be able in another year, when the New Bagging Mill shall be in operation, and furnish our grain growers with the best of Bags at 6 or $7 per hundred, that it will be much better and cheaper, handling grain in *Bags* than in *Bulk*. Our word for it, so it will prove, and the Elevator will be a bad speculation.

CENTRAL PACIFIC RAILROAD.

We call special attention to the NEW ADVERTISEMENT of this line of travel, the agencies in this city will now offer every facility and give all needed information, relative to the travel from hence to the city of New York and all intermediate routes.

The present arrangements, show the ready action of this Company to meet the wants of the people.

Next week we shall publish a schedule of the "Rates of Freight" between this city and New

SAN FRANCISCO PACKAGE EXPRESS.

This company are now in the full tide of success the Public have found out they can have their packages delivered promptly, and very cheap by this Company; and travellers find they can rely upon having their trunks and valises delivered safely and quickly, at low rates; everybody should patronize them.

STATISTICS OF THE WORLD.

The "American Year Book and National Register for 1869," contains a chapter on "Comparative Statistics of the World, relating to Area and Population," from which we gather the following interesting facts:

Asia contains an area of 17,318,000 square miles, and a population of 805,419,908. America an area of 15,480,009 square miles, and a population of 81,400,000; Africa an area of 11,556,663 square miles, and a population of 190,950,609; Europe an area of 3,781,000 square miles, and a population of 293,083 000, and Australasia and Polynesia an area of 3,425,000 square miles, and a population of 4,000,000.

In examining the tables of artificial or political divisions, we find that the Russian Empire stands first in point of territorial extent, it having an area of 7,862,568 square miles and a population of 77,008,448, or 9 9 to a square mile. The Chinese Empire contains 4 605 334 square miles, with a population of 487,500,000, or 101.6 to a square mile. China (proper,) however, with an area of 1,300,000 square miles, contains 450,000,000 inhabitants, or 346.1 to a square mile, being the most densely populated of all the large countries of the world. The British Empire—exclusive of the Hudson's Bay Territory—contains an area of 4,419 559 square miles and a population of 174,156,882, which gives a density of 39.4 inhabitants to a square mile. This, however, is very unequally divided, for while British North America, with an area of 3,523,083 square miles, contains a population of but 3.765,000, or about 1 to the square mile, Great Britain proper, with an area of 121,113 square miles, contains 29,321,288 inhabitants, or 242 1 to a square mile. The Netherlands exceed this degree of density, having a population of 280 2 to the square mile; and Belgium goes far beyond, having 438.2 to the square mile. Some of the small German States, which are in fact only cities, like Hamburg and Bremen, have a population four or five times as dense.

The United States has an area of 3,508,392 square miles and a population of 34,560,000 giving a density of 9 7 to a square mile. Of these States the largest is Texas, with an area of 247,356, a population of 604 215, and a density of 2.4 inhabitants to the square mile. The State having the largest number of inhabitants is New York, with an area of 47,000 square miles, a population of 3.-880,735, and a density of 82.6. The most densely populated State is Massachusetts, which with an area of 7,800 square miles, has 1,300,000 inhabitants, or 162 8 to the square mile. The District of Columbia, however, has 2,308.9 inhabitaets to a square mile, having an are of 55 square miles, and a population of 126.990.

There is probably no reason why the United State may not be capable of supporting as large a population, in proportion to its territorial size, as any nation in the world. We may by a few hasty computations, obtain a rough estimate of our future possibilities. When our entire country shall be as densely populated as Massachusetts is to-day, we shall number a population of nearly 600,000,000, and when it reaches Great Britain in point of density, our population will number more than 860,000,000.

THE RICH MEN OF NEW YORK.

The Eighth Internal Revenue District of New York includes the finest streets and avenues in New York City, and is the largest, wealthiest and and most important one in the United States. Look at some of the incomes reported for 1869.

A. T. Stewart	$3,019,218
E. S. Higgins	431,128
Geo. Fox	371,411
J. H. Benedict	311,589
Harvey Fisk	286,129
Moses Taylor	279,433
A. S. Hatch	278,261
Frances Warden	263,597
Paran Stevens	244,335
Peter Goelet	235,663
Aaron Arnold	230,609
W E. Dodge	221,375
A. R. Eno	217,276

Twenty nine persons return incomes ranging from $102,000 to $186,000, while the host of "small fry" who have the small pittances of from $10,000 to $100,000 fills three columns of the N. Y. Herald.

TAX PAYING WOMEN.

—There are some well to do ladies in New York Mrs. H. H. Greene returns an income of $78,700, Miss Sarah J. Zabriskie, $54,595 and Mrs. C. L. Spencer, 53,084.

TO OUR WOOL GROWERS.—We call special attention to the Important Circular of Messrs. McLennan, Whelan & Grizar, the well known Wool Sorters and Packers of this city.

These gentlemen, by their knowledge of Wools, and their experience added to their acquaintance with foreign markets, are fully qualified to give counsel that is valuable, and this Circular we esteem to be such.

Agriculture.

DON'T BLEACH YOUR HAY.

During a recent trip to Santa Clara, San Jose, and vicinity, we could not but notice along the line of the Railroad from this city, very large quantities of Hay—some lying in small heaps, some just cut down, and the mowers at work cutting down more.

We regret to notice that the most of it lay in the field in these small heaps, *bleaching out all the goodness*. This practice is a bad one, for hay thus made is injured more than *one-third in value*. We noticed with pleasure several large lots that bore a fresh green look, being cut and cured correctly; this was being baled at once and stacked up, which will keep it fresh and sweet and will retain that *aroma* which gives double value for stock.

We are surprised that any Haymaker should not look to this matter of drying in hay.

Agricultural Products in Russia.—Of all the agricultural produce in Russia, after wheat, flax is that of the largest consumption. and in which an extensive export trade is also carried on. Besides linen, that necessary article of clothing to all, flax furnishes both for rich and poor a number of article of the first necessity. Some ten years ago the annual production of flax in Russia was estimated at ten million pounds (of 36 lbs); but this estimate is evidently much too low, when we consider the enormous shipments made; and, according to the opinion of M. Tengoborsky (Productive Force of Russia,) the exports are two thirds less than the internal consumption. The linen consumed annually in Russia a quarter of a century ago was valued at nearly forty-three millions of roubles (six millions sterling,) each inhabitant of the Empire, it was supposed, using twenty archines (of nearly three quarters of a yard.) The value of the linen now consumed in Russia is estimated at sixty-three million roubles, equal to nearly nine and a half millions sterling.

Flax Culture and Flax Bagging.—The cultivation of flax is daily increasing in importance as a product of Western soil. Its value hitherto has been greatly under estimated, in as much as it was raised for the seed only, while the fibre of straw was allowed to go to waste; but within the past few years machinery has been so constructed as to work up this article to good advantage, and it is now extensively used in this city for the manfacture of bagging, which is in active demand for covering cotton. It has been shown by actual experience that bagging made from flax is stronger more durable, and can be made better and heavier than foreign bagging, or any article heretofore brought into the market. To cover a crop of 3,000,000 bales of cotton, requires over 20,000,000 yards of bagging, at a value of $4,000 000 to $5,000,000. To provide this entire amount, our Western soil can produce the fibre, which can be manufactured near at home for the supply of the Southern markets.

Good News.—An Eastern exchange thus speaks of the Pacific Slope: There are over 1,000,000 of people on the Pacific Slope. San Francisco, not 25 years old has 150,000 inhabitants. Her manufactures amount to $30,000,000. The Pacific Slope exports $50,000,000 to $60,000,000 of bullion annually. The wheat crop of California and Oregon is 25,000,000 bushels in a year. San Francisco in one year, loaded 160 vessels for China, and exported $10,000,000 worth of merchandise and minerals to that country.

—The number of sheep in Ohio in 1868 was 7,698,845, producing not less than 30,000.000 lbs of wool. The farmers of Ohio in 1855-6 lost in killed and injured 96,251 sheep by dogs, which were valued at $283,697 45, the number of dogs in 1866 was 174,909 making the loss for the two years per dog $1.62, a sum sufficient to defray the expenses of nearly three hundred families, at an annual cost of $1,000 each.

—An Irishman was employed to trim some fruit trees. He went in the morning, and on returning at noon was asked if he had completed his work. "No," was the reply; "I have cut them all down, and am going to trim them in the afternoon."

[There are lots of this kind of Gardeners roaming about, if we should judge by the work done. —Ed Farmer.]

—One of the benefits of Chinese immigration hithero overlooked, is just coming into notice. It utilizes rats, hertofore one of the most useless as well as destructive of the animal creation. The Chinese will eat them, and render the whole race extinct. Who will oppose Chinese Immigration now?

Prolific Ewe.—A correspondent of the London *Field* mentions a ewe coming 21 years old, that has produced 37 lambs in the past 19 years—twins every time but once. She has not had a tooth in her head for 12 years, but still is healthy.

—John T. Allexander, of Jacksonville, Ill., shipped to the New York market last year, 36,000 beeves. He is probably the largest dealer in cattle in the United states.

—The *Scientific American* say the dispatches sent by the Atlantic cable telegraph from Londong to-day, arrive in New York yesterday.

—The number of hogs in the United States is estimated at 38,000,000.

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so consstructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Stee. Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HORSE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS.

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24 **STOCKTON, SAN JOAQUIN COUNTY.**

New Advertisements.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d. Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Stand, Cor of California and Battery Sts., SAN FRANCISCO.

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the Potato Planter from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,

320 Clay street, up stairs.

WHO MAKES SCRAP BOOKS.

'Tis said "In the making of Books there is no End," and we know there are many persons who are always interested interested in Scrap Books, now to all such persons, we have some very important information which will benefit them.

It will be seen by our advertisement of Old Newspapers for Sale that we can furnish just the *right material for Scrap Books*, for we have in this collection of Old Newspapers, a series of papers of 10 to 16 years and from every State in the Union, and also European papers; also select scientific and literary papers, Journals of all kinds, In these papers will be found much of the best Poetry of the age, also Stories, Anecdotes, Recipes &c., all very valuable, and these we shall offer at the low rate of $2.50 to $3, per hundred. Many of these are 12, 16 and 20 page pamphlets and magazines and other periodicals, those who want these collections will address

EDITOR CAL. FARMER.

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to print on NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a good bargain can have one by calling at once a our office, or addressing EDITOR FARMER,

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato

BUY THE GENUINE FROM

GEO. A. DEITZ

(The Great Seed Wheat Farmer,)

Chambersburg, Pennsylvania

1 Pound Early Rose sent by Mail, postpaid, for
4 Pounds of Early Rose sent by Mail, postpaid, for
4 Pounds of Surprise Oats sent by Mail, postpaid, for
4 Pounds New Brunswick Oats, by Mail, for
4 Pounds of Swedish Oats by Mail, for
4 Pounds of Yellow Mammoth Corn, by Mail, for
4 Pounds of Yellow Gourd Seed Corn, by Mail, for
4 Pounds best three varieties of Sweet Corn for
4 Pounds of China Tea Spring Wheat, by Mail, for
4 Pounds of Black Sea Spring Wheat, by Mail, for
4 Pounds of Canada Club Spring Wheat, by Mail, for
4 Pounds of Hedgerow Spring Wheat, by Mail, for
4 Pounds of Rio Grande Spring Wheat, by Mail, for
4 Pounds of Scotch Fife Spring Wheat, by Mail, for
4 Pounds of Mammoth Bearded Spring Wheat, for
4 Pounds of Smooth-headed Spring Wheat, for
4 Pounds of White Hominy Corn, for
1 Pounds of Harrison Potatoes, by Mail for
1 Pounds of White Peach Blow Potatoes, by Mail, for
2 Pounds of Italian Grass Seed for
1 Pounds of Orchard Grass Seed, for
2 Pounds of Herd Grass Seed, for
1 Pound of Alsike or Swedish Clover Seed for
2 Pounds of Cow Grass or tall Clover Seed for
4 Pounds of Red Clover Seed for
1 Pound of Egyptian seven-headed Wheat, for
Best Fodder Cutter at Chambersburg, for
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for

☞ Subscribe for the EXPERIMENTAL FARMER. Only $1.50 per year.

☞ The money, in all cases, to accompany the order.

All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls are true to name and pure of the kind.

GEO. A. DEITZ

Chambersburg, Pa.

Having received the above Potatoes (Early Rose) direct from the above House; and also the Surprise Oats, we invite all who wish these desirable articles, in order to secure them for the *Planting* to call or send to our office at once.

Alsike Clover.—We have a small invoice of most valuable Clover; also, just received.

WARREN & CO.
Farmer Office

LINFORTH, KELLOG & RAIL

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near

SAN FRANCISCO,

IMPORTER

—AND—

JOBBERS

OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY

Agricultural and Mining Tools

ROPE, STEEL, POWDER, FUSE, SHOT, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMP

Patented by J. A. Morrill, 29th, 1867.

THE CHEAPEST, SIMPLEST AND MOST DURABLE PUMP IN THE WORLD.

☞ Agents wanted for this Pump. County Rights for sale.

30 6tm

SPLENDID CASHMERE GOATS

We Invite the attention of all who desire to purchase PURE BLOOD Cashmere Goats, to advise with us.

We have a List of the Splendid Goats imported by Hon. I. S. Diehl from Asia, and having been appointed to act for him, we are now ready to receive orders for the same.

As the value of this fleece is now rapidly increasing in demand, we shall soon have a large stock for the manufacture of the same.

Address Editor Farmer.

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the articles they have for sell are wanted by those who have delayed to the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, and all other goods should be advertised in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their trade largely increased by giving attention to it, and particularly in everything appertaining to Agriculture and Horticulture.

Newspapers and handbills, however good they may be, can never take the place of Advertising in the Agricultural Journals.

"Bread is the staff of life, and Advertising is the life of trade."

Horticulture.

THE VINE IN EUROPE.

OBSERVATIONS BY AN AMERICAN VINE GROWER.

Letter Number Four.

IN AUSTRIA.

The most important portion of Austria, so far as the production of wine is concerned, is now, and for a long time has been,

HUNGARY.

More than one-half of all the wine produced in Austria is made in Hungary, and none of the Austrian wines, besides these, have obtained that celebrity abroad which the Hungarian wines have deservedly won.

Perhaps the vineyards which produces the best wines are those of Tokay, Pesth, Ofen, the Syrmia on the South, Warwitza in the Bannat, Erion, and Czerwenka.

Although a very large amount is consumed in the country, a large business is done in the exportation of Hungarian wines, which is year by year increasing, as their real merits and excellence are becoming more widely known and recognized. It has been the policy of the government to encourage and foster the culture of the vine, and many years an annual fair has been held at Pesth, for the wines of all Hungary.

The vineyards of Hungary have for a long time, by usage amounting almost to law, been permitted to be purchased by the peasantry under an arrangement, by which they are obliged to pay one-tenth to the lord of the soil. This, with all the other burdens that have fallen upon Hungary, and the domestic troubles, have kept the common people in a state of miserable poverty.

Notwithstanding these untoward circumstances, the wine has probably suffered less than their other material interests, and great attention has for a long time been paid to its culture, and to improvements in the manufacture of wine.

More than thirty different kinds of wine are produced in Hungary, most of which find their way into the markets of the world.

The manufacture of wine is carried on almost exclusively by the peasants, in the coarsest and most rude manner, but who, notwithstanding all this, pay the most scrupulous attention to cleanliness in all that concerns the vintage.

The vats and the wine-presses are never used until they are thoroughly and well-cleaned with scalding hot water in which the leaves of the vine have been steeped.

The fruit is collected in wooden vessels and carried to the wine vats by the laborers and thrown into a vat which has a double bottom, the upper one of which is filled with small holes through which the juice may pass. They beat the grapes in the vats and bruise them with large sticks.—When the first juice has thus run off and the vat has become filled, the whole contents are put under the wine press. It is quite common here to separate the grapes for the white wines and the red wines, but little attention is paid to removing the bad grapes, or to prevent decayed or unripe ones from mingling in the wine-press

After the press has been used all the must is thrown together into a large vat for fermentation for the white wines.

For the red wines it is quite common to dispense with the press altogether, letting the juice run through the double bottom of the vat, and mixing this refuse with the refuse of the wine-press in one common mass into a huge vat for fermentation.

It is also quite common in Hungary to feed cattle on the refuse of the wine-press, and to mingle different varieties of grape together for the production of their wines, and there are upwards of sixty varieties of grapes used in producing their various wines.

The most celebrated wine of Hungary is

THE TOKAY.

It is named after a town in High Hungary, and the product of a district called the Sub-Montine, Hegyla.

The grape itself in this district, unlike the usual wine grape of Europe, is large and of a rich and sweet taste.

The grape from which the Tokay is made is called the "Trocken beeren," or the "Hungarian grape," and is left on the vine until very late in the season, and sometimes literally till the snow comes, and, as I was told, have been even picked out of the snow for the vintage. When gathered they are dry and shrivelled, like a raisin. The berries are picked one by one, and most carefully selected, for the wine commands a fabulous price.

The prime Tokay is called the Tokay Ausbrach, and is made from a variety called the Formint or Szamorodi, the vintage rarely taking place until the last of October.

The Trockenbeeren have ripened a little earlier, and after being carefully picked and separated, are placed in a mass on a great table slightly grooved with deep grooves, from which the juice flows by their own pressure alone, runs into a separate jury.

This first product forms what is known as the "Essence of Tokay," and is as rich as the wine of the south of France. Its quantity is very small, it is preserved with the greatest care; is esteemed most precious, and is of enormous value. After this first slight work the grapes are trodden by a large rat with naked feet, and the must is allowed to stand twenty-four hours before it is set for fermentation, and a small portion of this wine essence is added to the must to flavor it. It is allowed to ferment from fifty to seventy-five hours, during which time it is frequently stirred, and all the matter coming to the surface carefully skimmed off frequently during this time, after which it is most carefully strained through cloths into casks

Tokay Ausbrach is said to contain sixty one parts of the essence and eighty-four parts of the wine. It has a powerful and peculiar aroma—which would never be forgotten by any one who tasted it.

The vineyards which produces this wine are owned by the Emperor and some of the nobility, and it has long commanded most fabulous prices. Forty years ago it sold in Vienna as high as fifteen Napoleons per dozen, or about sixty dollars in gold.

At the Grant dinner given at Delmonico's, this wine was on the list, and its price here is something like twenty dollars per bottle of our currency.

This wine is not fit for use until after three years of age. If exported in casks it always ferments in transportation by sea, but will work itself clear.

When bottled in Hungary a space is always left between the cork and the wine or the bottle will break, and a little oil is poured on top of the wine in the bottle, and a piece of bladder tied firmly over the cork.

The genuine has an oily taste, a slight taste of earth, with some astringency, but its peculiar aroma will always indicate it, as it can never be mistaken—no other wine in the world at all resembling it.

There is a peculiar wine in Hungary, which so far as I know, is never exported, called generally Vermuth, which is made by a mixture of wormwood, seeds of various kinds, and spices, over which old wine is poured, and then securely corked. It is held in high estimation at home.

In later years it has been common to mingle the "essence of the Tokay" with various kinds of Hungarian wines, to give them that peculiar flavor which is so rare, and which commands such prices.

Few men would pronounce them better for this admixture, but it has characterized the wines because of the fashion.

There is nothing especially attractive in this peculiar taste, but fashion has decreed it to be *par excellence* superior to most others. To those unitiated in it, the major part would not like it. All would say that it was strange and peculiar, and none would prefer it on its own merits, in my opinion.

IN AUSTRIA.

Outside of the Hungarian wines the wines of Austria, as a whole, are of a very poor quality.—They are below the standard of the Italian wines. Perhaps the best are those produced in Transylvania The wines of the Tyrol are much better than those of Austria, outside of Hungary, but these are all consumed in the country. There are some fair wines, both white and red, made near the head of the Adriatic Sea. The Cape d'Istria and St. Patronio are wines of merit, but within the vast territory of Austria preference should be given first to the Hungarian wines, next the Tyrol and last, the wines of the various other provinces.

THE CULTURE.

In Hungary the vines are planted and cared for more after the French methods, on poles to which the vine is trained, the poles being often removed in the winter, and the vine lying on the ground.

The culture in the Tyrol has been more carefully explained in another article.

In other parts of Austria I observed the pollard system of culture, with occasional vineyards trained low to trellises, after the German methods.

The vineyards between Bavaria and Vienna, and after leaving Vienna going toward Prague, were cultivated usually in the German methods, and resembled those vineyards in externals planted by the Germans in Ohio and Missouri, and some of the earlier vinyards on Crooked Lake near Hammondsport, New York, the vines set about four feet apart, in the row, with the rows quite close together, and in all cases trained to a single stake.

The vine was in almost all cases small and fragile, and exhibited nothing of that luxuriant growth so marked in the Tyrol, in Northern Italy, or in some portions of America. It was very rarely seen more than five feet high, and quite commonly not more than three or four feet in height.

Every vineyard that I saw, without exception, in the whole of Austria was worked well and quite free from weeds. The most perfect culture in our own vineyards at home was never better than the culture in any part of Austria. The ground was kept thoroughly and constantly stirred and in splendid order.

CLARK BELL.

BRANDY MADE OF LIVERWORT.

An important discovery has lately been made by Dr. Stenberg, Professor of Chemistry at the Caroline Institute of Stockholm, Sweden. It is the distillation of Liverwort, which grows abundantly on all the rocks of that country, and from which an alcohol of pure taste has been obtained. The liquid rectified only once, is similar to the best brandy, made of grain. The learned Professor has just published a pamphlet on the subject, under the title: "How to make Brandy of Liverwort." He congratulates the public to his discovery and all the proceedings which he proposes. He thinks that all the different species of Liverwort may be made useful, but he gives the preference to that, which is the favorite food of the reindeer, and which is known under the name of *Cladonia Rangiferina*.

New Advertisements.

ORNAMENTAL TREES.

The Oregon Fir Tree Association.

We are now prepared to Ship to all parts of the country, all the handsome varieties of the Fir Tree that so abound in Oregon. The trade of the Association is at present promising much greater success, especially on the Pacific Coast, than they have formerly anticipated. The nurseries of California do not seem to have adopted the Oregon Fir, only as we have recently taken some of their orders from them.

We find them to possess an attraction as an ornamental tree rarely equaled. The Yellow Fir and the Balsam Fir are the most popular varieties; the Yellow Fir the most hardy—thriving in almost any soil or climate. Our trade with the East is promising; our trees have arrived there in good condition and are growing.

The Association is prepared to supply a large demand for Trees, from six inches to four feet in length, but we cannot fill orders for any more than four feet.

Efficient Agents wanted in all parts of the country, to whom we will extend the most promising advantages. We shall be glad to receive a communication from any one who might desire such an agency, or from any one who may desire our Trees.

Orders for Trees to be set in the fall should reach us as early as October, and those for the spring supply as early as February.

We Ship none but parfect and healthy Trees.

All communications should be addressed:

REV. C. W. TODD,
Oregon City, Oregon.

LAKE VINEYARD WINE COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB,
CARLTON CURTIS.

We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,
May 1st, 1859. San Francisco.
31-16

C. GROEZINGER,

DEALER IN
NATIVE CALIFORNIA
Red and White Wines,
Brandies, Port, Sherry, Angelica, Etc.
Northwest corner of Battery and Pine Streets,
SAN FRANCISCO

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials of character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

Miscellaneous.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company Incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL LIFE INSURANCE COMPANY!

OF (SACRAMENTO) CALIFORNIA,
37 and 39 SECOND STREET,
SACRAMENTO.

LELAND STANFORD, President.
H. F. HASTINGS, Vice President.
JOS. CRACKBON, Secretary.
J. M. GREY, M. D., Physician-in-Chief.
SCHREIBER & HOWELL, General Agents.

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,
(Of the firm of Hucks & Lambert.)
No. 708 Lombard street, North Beach.

Agents Wanted - - - - - $10 a Day.

TWO $10 MAPS FOR $4.

LLOYD'S
PATENT REVOLVING DOUBLE MAPS.

Two Continents, America and Europe, and America with the United States portion on an Immense scale.

Colored—in 4000 Counties.

THESE great Maps, now just completed, 64 x 62 inches large, show every place of importance, all Railroads to date, and the latest alterations in the various European States. These Maps are needed in every School and family in the land—they occupy the space of one Map, and by means of the Reverser, either side can be thrown front, and any part brought level to the eye. County Rights and large discount given to good Agents

Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand
31-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

Valuable Patents FOR SALE

We invite the attention of energetic Mechanics to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a hand some return for labor and capital can be made from.

WARREN & CO.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,
tf Farmer Office.

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have *"Tule lands,"* for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Miscellaneous.

LANDS

FOR SALE OR TO LEASE.

IN NAPA VALLEY
IN THE VICINITY OF CALISTOGA.
ON THE
LINE OF THE RAIL ROAD

Within three and a half hours from San Francisso.

THE UNDERSIGNED WISH TO LEASE FROM TEN to Thirty Acres of CHOICE VINEYARD LANDS, to competent parties, for the term of Four Years, they planting the same in Vines and cultivating them during said term. At the expiration of the term.

ONE HALF OF THE VINEYARD

Will be deeded the Lessor for services.

ALSO, TO LEASE,

Four Thousand Three Hundred

Acres of Grazing and Grain Land, eight miles from Marysville, on the Yuba river. 2,000 acres under fence. on very advantages terms

—ALSO—

A farm of three thousand Acre Grazing Lands,

Twenty-five miles from Sacramento City, on the Feather River, 1,500 acres under fence.

—ALSO—

A FARM IN NAPA VALLEY

Of 260 acres, on the most reasonable terms and credit.

Small tracts for Residences

At and near Calistoga, for sale—One two, and three years credit.

Apply to S. BRANNAN,
432 Montgomery Street,
31-3 Third floo

SPLENDID RESIDENCE FOR SALE,

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the best sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land.

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of these extensive Orchards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3- EDITOR FARMER.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,
Or GEN. JOSIAH HOWELL, Sacramento City.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

THE BEE-KEEPERS' JOURNAL,

And Agricultural Repository.

A large and handsome monthly, at $1 a year. Specimen copies sent free. Edited by Homer A. King, and Ellen S. Tupper: the former, author of "The Bee-Keepers' Text Book, (Which has reached its eighth edition, having run 7 editions of 15,000 copies in two years.) and the latter Iowa's noted writer on Bee-culture. A specimen copy with liberal premium offers and "Hints to Bee-keepers" sent free. Write now and not forget it. Address

H. A. KING & CO., Nevada, Ohio

Until Sept. 1, 1859, and thereafter in New York City.
31-19

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....JULY 1, 1869

THE CALIFORNIA FARMER READING ROOM AND MUSEUM OF NATURAL HISTORY.

320 Clay Street.—Marble Building.—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all production Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum the FARMER Office. Members of the Press and Strangers particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for *one* insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞ Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination, hoping it will meet their approval and induce them to subscribe, and ask their neighbors to do so. Send for Sample Papers and get up a club. Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

OUR NEXT NUMBER.

Next week is our National Jubilee Week, the NATIONAL HOLIDAY, and agreeable to our custom, we shall issue no paper. We give rest and recreation to workmen in our employ, and we claim and really need a little ourselves, and those who wisely take this week for social recreations with their families and friends, will not wish any other reading than the general news.

Our next number—24—will appear July 15th. That closes this Volume.

We take this opportunity to return our sincere thanks to those who have kindly interested themselves to extend the Circulation of the FARMER, and hope we may ask all our friends to aid us with our NEW VOLUME; for such aid we shall be truly grateful.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

We call special attention to the very happy letter of our valued correspondent of early days, "Margaret," from the beautiful region of the Geysers, Yulupa Valley, at "Carrs Ranch", the Letter will be read with interest by all, and by many to whom allusion is made, with particular interest.

The spot must be beautiful, and just what we should expect from those who call it "Home," we have long hoped to visit our old Subscriber and trust soon to do so, we know our readers will look for a continuation of these most happy Letters.

We are pleased to insert the lines of Bertha Bay they speak truths.

We have a very interesting Letter from Jenny Dare, also Lines from Bertha Bay, both will appear in our next.

SANTA CLARA COLLEGE.—We regret we are obliged to defer the full account we had prepared of this most excellent Institution, but as the Illustrations and some Essays did not reach us we we shall give all in our next.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

AGRICULTURAL DISTRICTS OF CALIFORNIA.—We have a circular from the office of Messrs. Bacon & Co., announcing the Publication of a pamphlet of about 50 pages, giving statistics of Lands for sale, where and rates, wages and terms &c., an edition of 10,000 copies to issued at the low rate of 15cts. per copy.

TRAVELLERS GUIDE.—We have the New *Guide Book* just issued from the office of the publisher of the Guide; this is a valuable little Hand Book for the traveller, giving all the various traveling routes, by Steamer, Railroad, or Stage, a very credable work of about 100 pages.

We have received the new Catalogue of the Sacramento Seminary, under those truly talented and accomplished Teachers and Principals, Hermon Perry Esq., and Lady, and a corps of able Teachers.

We are glad to see by the Catalogue and the larger list of Pupils, that it is in a highly flourishing condition: we rejoice to know it is so.

We have many Pamphlets and Periodicals on our table, but too late for notice this week.

TRADES UNIONS.—The recent and most unpopular course pursued by the Trades Union, as reported at the "Booth Foundry," has caused much excitement, we have several Letters on the subject, shall speak of them in our next.

DON'T FORGET THE FIREWORKS.—A. Georgiani has a large quantity; and will furnish them at very low rates—call and see him

OUR NATIONAL JUBILEE.

The Fourth this year falls on Sunday, therefore the general Jubilee and Public exercises, will take place on *Monday the Fifth.*

We presume the clergy throughout our whole country, will make the subject of our *Country and her Institutions*, the theme of their discourses; it will give them a good opportunity to impress that religious view of it upon their hearers our country so much needs.

The return of this day should awaken in the heart of every Citizen, a lively sense of gratitude to God, for the blessings we enjoy in this Land of Liberty, and we should so observe and keep the day, as to prove we value the blessings we enjoy, as not to join with or approve any scene or act which casts a reproach upon the Memory of Washington, or the Patriots who gave their lives for the Liberties we have inherited.

We cannot utter a better word or prayer for the observance of this day, than in the words of the Poet Pierpont.

Day of glory! welcome day!
Freedom's banners greet thy ray;
See! how cheerfully they play
With thy morning breeze.

* * * * *

God of peace!—whose spirit fills
All the echoes of our hills,
All the murmurs of our rills,
Now the storm is o'er,—
O, let freemen be our sons;
And let future Washingtons
Rise, to lead their valiant ones,
Till there's war no more.

STEAM LOCOMOTIVE HARVESTER.

A Pleasant Picture.—We are much indebted to Messrs. Webster Brothers of Stockton, the well known Agricultural Pioneer House for this interest, for a very handsome Photographic Picture of the New Locomotive Steam Engine, designed to do the Harvester's work and also do the Plowing for the Farmers of the State.

When we look on this Picture, Imagination carries us forward to the time when this mighty weapon for Agriculture shall begins its day's Plowing and Sowing the seed and when the sun sets upon that day's work, FIFTY ACRES has been Plowed, Sown down, Harrowed and finished—*the One Day's Work*; and at Harvesting it shall guide the Harvester through the field and the day's work shall be, *Fifty Acres*—shall be cut, threshed, cleaned and sacked, this is to be as certain as we live. We do not say, this year, or next year, for improvements will be made, but *it will be done very soon.*

As we look upon this Picture we see the faces familiar to us Webster and his aids, Baxter, and many citizens of Stockton, and Farmers of that good and rich valley of the San Joaquin. We also see George Francis Train, a Genius that few men can understand; a blazing meteor—brilliant here for a moment, then gone to blaze elsewhere, and as we look upon him and this Engine, we would call them *Twins.* We see no "steam on" the Engine, but we see there in the face and brow of Train, that *he has steam on* ready to make a speech and endorse every word we say of the *future workings* of this wonderful Machine.

Put on your steam thou Genius! Train,
Fire up your boiler—speed away,
And give the date when every plain,
Works FIFTY ACRES every day.

We remember Mr. Train in years gone by, when the *First Clipper Ship*, built for his Uncle by Donald McKay of East Boston, (the "Ocean Monarch") was launched, and when she was ready for Liverpool and we were booked passengers together.—The same energy which marked the man then, marks him now; he is himself a Steam Engine.

But the Stockton Wonder, Messrs. Webster Brothers deserve very great credit for what they have done to advance the Interests of Agriculture.

LIFE INSURANCE FOR WOMEN.

We have often wondered that when so much has ben done for Insurance of Mens lives, so little has been spoken as to its importance for women.

We would ask with all due earnestness, why a widow who has a family dependant upon her for support, should have her life *Insured* as well as a man? And why should not any single woman insure her own life, when that life is spent in supporting a loved mother.

We learn with some surprise, that some Life Insurance offices refuse to take women, as they consider them a greater risk than men—this must be a mistake.

If woman in her Maternal trials, Is exposed to danger and death, it is more than counterbalanced in man, by her freedom from the vices of of strong drink and other dissipated habits, and to the exposures of Steamer and Railroad accidents. Reflect then gentlemen, Directors of Life Insurance, woman is the better man in this risk.

We are glad to say that the Pacific Insurance Co., (Mess. Schreiber and Howell, Agents,) Sacramento and this City, offer liberal terms, and have already issued quite a number of Policies to women. This Life Insurance Co., have been very successful and are doing a very large business—they have a paid up Capital, and are a very safe Company, and we commend them most heartily to those who wish a safe Policy.

A reward is offered by Western farmers for a grasshopper trap.

Imitation calicoes composed of paper, which are said to wear well, are made and sold in England.

CALIFORNIA WINES.

LANDSBERGER & CO.

California Wines are now occupying a very prominent place among the Wines now offered in the various Wine Markets at the East, and also abroad.

It is no uncommon matter now, to notice large shipments of California Wines to the different trade marts of Europe, for, within a few years the character of our Wines have so much improved, that connisseurs of wines in Europe, are surprised at the Excellence of our Wines, and are now sending orders here quite liberally.

Among several large and well known dealers in California Wines who export largely, none stand higher than the house of Landsberger & Co., of of our City. Mr. Landsberger is well known as an old Pioneer Wine Dealer, familiar with the wine districts of our State, and familiar with the best wines; long years of experience has given him eminent ability.

Recently, this House have enlarged their Warehouses, adding other spacious rooms, extending from 423 to 429 Jackson St., and the present firm is now composed of I. Landsberger, Arpad Haraszthy and Oscar Schlesinger,

Mr. Haraszthy is widely known as of the Sonoma Family, all wine dealers and experts in the knowledge of wines; Mr. Haraszthy has made himself master of the art of wine making, by extensive travels and researches in Europe, as his very valuable and highly interesting Letters from the Vine land of the Old World, Published in the Farmer some years since, prove, that this gives him that knowledge, which, added to years experience here in this firm, qualify him for every duty as a skillful vintner.

Mr. Schlesinger a well known Merchant of experience now in this firm make a Strong House and having the Knowledge, Capital and the Control of many of the very best wines of the State, will secure and deservedly so, a large share share of the Wine business to this house.

The Wines sent out by this house bear a high name, the Champagne Wines cannot be excelled, and by many are preferred to the imported Champagnes.

Landsberger & Co., have recently prepared a *Sparkling Muscatel*, that is of very superior quality, and will become a great favorite, it will be largely used at the celebration of our National Holiday.

We are pleased to make this report as we know it is fully deserved, and we trust, the new comers to our State, our most distinguished visitors, will give us their unbiased opinion upon California Wines we know they will stand the test.

LIGHT.

Scientific minds have been to work for centuries in order to discover some substance, or invent some Instrument by which great illuminating power can be had, or a greater brilliancy without a reflex injury to the eyesight.

A vast number of Inventions have been patented, and *House Lamps* innumerable have been before the public, their name is *Legion*, and at last Gas was required to be introduced into dwellings as the best light for general use.

There has however been a pressing want for a Lamp for *Individual uses;* for the Professional Man, the Student, and for many individual Cases, where all other contrivances have entirely failed to give that kind of clear, soft, steady light, so much needed by those who must spend many long hours in duty at the midnight labors.

What has always been needed is that kind of light which will not try the eyes, or injure these main illuminators of the body and mind, for their various duties.

This want has recently been most admirably supplied, by the NEW ST. GERMAIN, OR STUDY LAMP, which has been found on trial, to be the *very best invention yet known*, and from the Testimonials which we append to this article, we feel confidant that it will prove all that is required.

Our own Editorial duties are very great, requiring 4, 6, and 8 hours night work almost every night, and we have suffered for the want of a good light for years, and we feel that we can now cry out, Eureka!

The St. Germain Lamp we feel confidant will give great satisfaction to all who try it; we are so well satisfied with it, that we would not be without it were it to cost *One Hundred Dollars.*

This Lamp will not only be found very valuable for Professional Men, Students, &c., but we can most earnestly commend it to that class of our working Women, who toil by night at the sewing machine, or with the needle, or our Teachers of Schools and all classes who toil by night.

We here append the strong recommendations of "Henry Ward Beecher," whose words are brief but potent, also that of Professor Henry, this also speaks strongly. We advise all to go and see these Lamps.

TESTIMONIALS.

I consider it the safest and pleasantest article of the kind I have ever used. It gives a brilliant unwavering light, very agreeable to the eye, and is safe on account of explosion, since the vapor of the petroleum is entirely cut off from the flame, the reservoir being at a distance from the burning point and the supply tube constantly filled with the liquid.

Prof. JOSEPH HENRY,
Sec'y Smithsonian Institute,
Washington, D. C.

Your student lamp has become a great favorite in my house. I employ it in preference to all others. I can suggest no improvement and desire none.

Rev. HENRY WARD BEECHER.

A NICE CUP OF COFFEE.—Those who may desire a very nice dish of Coffee made quick, easy and delicious and made upon the table as you want it should call at Mr. Kohler's Music and Fancy good Warehouse, cor. Sansome and Clay streets, and see a great curiosity, and a new and valuable invention to *make a nice cup of Coffee.*

DR. ZEILE'S TURKISH BATHS.

We attended the opening of this New, Spacious and most Elegant Establishment the last week, and we confess our pleasure and our surprise and astonishment, at this truly wonderful and magnificent Establishment.

That our readers may not be led to suppose that Dr. Zeile's Baths or Buildings are like the ordinary Baths, we state that the building is a stately one, three stories high, elegant in style, costly in work and erected at an expence of over *one hundred thousand dollars.*

The fitting and furnishing this Oriental Palace, costing some *fifty thousand dollars* more, and no person can have any conception of the Elegance and luxury of these baths, until they shall visit this place and try them.

Those that have read of the Turkish and Roman Baths, their luxury and refreshing nature, can realize all they have read here, and we can testify to the fact, that not in London or Paris is their anything superior, nor in any of the Eastern States anything to equal them.

These Baths in all their variety can hardly be described; they are wonderful—and perfect in all their varieties, numerous spacious rooms richly furnished are ready for patients who desire to remain any length of time.

We have taken copious notes of the different apartments which are indeed wonderful, and shall give a sketch of the same very soon.

A very large number of guests, hundreds, were present at the opening, the Doctor was in his element, evidently loving his profession and understanding it thoroughly.

A handsome collation was prepared, and the richest of wines liberally dispersed—all were pleased and all satisfied. California "can beat the World," even with its famous Baths.

Visitors to our city should visit these Baths—Dr. Z., deserves great success, and we certainly wish it to him.

DOG DAYS.

"The Dog star rages; nay, 'tis past a doubt,
All Bedlam and Parnassus is let out."

We are now satisfied that "Dog Days" are upon us. We have had here in this cold windy city the thermometer up to 90° in the shade—we think warm enough for our Bay City.

The papers of the day chronicle numerous Quarrels, Runaways, Suicides, Murders, Robberies, Drownings, and other calamities too numerous to mention, so we think the "Dog Star" has had some influence to bring about so many troubles.

A friend at our elbow inquires if the corner groceries where card playing and whisky drinking flourishes so well, and the *Dog* holes under ground and in dark places leased by our City Fathers and Licensed, has not as much to do with these calamities as the "Dog Star?" We opine they have, and more too. Now we suggest, that as we have *officers of the Law* who go about and remove *stray dogs that bite*, cage them and put them away, these, or other officers of the Law should go and cage up these "Dog holes" that are the cause of *nine tenths* of all the calamities that befall poor, frail humanity.

FRUIT GROWERS' AND DEALERS' CONVENTION.

We have received a Circular signed by the principle FRUIT DEALERS of this city, also by some of the GROWERS of FRUIT in the country, calling a Convention of all interested, to meet in this city on the 7th of July, at the rooms of Wakelee & Co. corner of Kearny and California streets, to consult upon the best measures to be adopted to promote the general interest in Shipping Fruit over the Pacific Railroad to the Eastern States.

We heartily approve a united action on this subject and hope wise and well arranged plans may be adopted so as to advance the interests of Fruit growers and that of Fruit dealers and the general interests of the State also.

We hope the Fruit growers in the country will make it their special duty to come to the city and attend this Convention, the *Seventh day of July*—which will be *next Wednesday.*

LOSS OF SILK WORMS.

We regret to learn that there has been two serious losses experienced by our energetic Sericulturists very recently.

The first was by William M. Hayne, Esq., of Sacramento. The case is reported as follows:—Mr. Hayne himself writes to the *Union* and says: That he has recently lost 500,000 silk worms by using artificial heat improperly. The smoke-pipe ran lengthwise through the rooms where his worms were at work. During the night the damp cool air condensed and generated a liquid kreosote, which ran down the pipe at the elbow joint, and dripped on the floor, filling the room with a poisonous atmosphere, fatal to the worms.

The *Union* of the 25th also reports that George & Co's Cocoonery near Nicolaus, was destroyed by fire last Tuesday, (22nd) together with 325,000 silk worms. The origin of the fire is a mystery! [There is another mystery to us, and that is:—Why was it not insured?—Ed. Farmer.]

A NEW POLITICAL JOURNAL.

The Tribune.—We see it announced that with the opening of this month, Major Jack Strattman will send forth his initial number of the *Tribune*, a Journal that will act a as Tribune before which Politicians must come for examination and trial.

The Major promises to be vigilant and fearless, and to expose corruption in high places with an unsparing pen. This the Major can do, and do well and faithfully too, as he is so familiar with the *wire workings* of all the Political machinery of this State.

We know of no man who is better qualified to expose the corruption of Politics than Major Jack Strattman, and if he sets to work in the right good earnest manner he has promised, he can do the State and Nation great good and himself very great credit.

MORE DISTINGUISHED ARRIVALS.

First among the most distinguished arrivals [illegible] the Pacific Shores, over the Pacific Railroad, may be named the Hon. W. H. Seward late Secretary of State under President Lincoln, and one closely allied to him in the terrible calamity that befel our Nation, when the President fell by the hand of the assassin Booth.

Mr. Seward is now advanced in years, and the great service he has done the Nation in his official capacity, in the dark hours of the Nation, should command the Reverence and Homage of every patriotic citizen.

Mr. Seward arrived at Sacramento last evening and was received with lively demonstrations of honor and gratitude, Gov. Haight received him and gave him welcome to the Pacific Shore.

A collation was ready for him at the Orleans Hotel, where some one hundred and fifty citizens gathered to do him honor.

Mr. Seward will reach this city, this or tomorrow evening, where he will also be welcomed and the respect paid to this truly distinguished Statesman and Patriot.

THE PRESS.—The leading Newspapers in the Eastern Cities, are now sending on their Representatives, in order that California may have justice done to her, in her resources, climate, and wonders in nature.

Horace E. White, Esq., of the Chicago *Tribune* and W. E. Smith, Esq., of the Chicago *Republican* accompany Mr. Seward and will soon be with us.

LITERARY WOMEN.—As one of the leaders of this class, Miss Anna E. Dickenson the distinguished Lecturer, is now to be with us accompanied by her brother Rev. J. Dickenson, and undoubtedly we shall hear this Literary Woman by her Eloquent Lectures.

—There has recently been several distinguished Politicians in our midst, they now can come and go like meteors, for such indeed are many who blaze in this, to them, glory of a Political life.

COLLEGE EXHIBITIONS.

The last few weeks has been the Grand *Commencement Weeks* among our Colleges all around us, at Santa Clara at San Jose at Benecia at Oakland, at Sacramento, at Marysville and in our city; at each and all of these places, very successful Exhibitions of the several Colleges have been had, giving general satisfaction and pleasure to Parents and Gaurdians of the Students, and reflecting great credit upon Teachers and Pupils also.

The Santa Clara College we have spoken of in our report, that of the Sisters of Notre Dame, but same days, the Santa Clara College was a complete success, giving great satisfaction; there are about 500 pupils in that College.

The Saint Ignatius, has over 600 pupils was successful and very interesting Exhibition, the Exhibitions at each and all the other Institutions was of a high order; our Public Schools also such as to cause every citizen to feel proud of them, the Exhibitions were very fully attended and created quite a furor of enthusiastic pleasure and satisfaction, most honorable to Teachers and Pupils.

PASSENGERS COME AND GO.

Notwithstanding the great number of passengers that are now coming over the Pacific Railroad, and the great number that are going Eastward every day, for the travel is indeed immense, (we hear that the reciepts at one station, *Elko*, average $[illegible] 000 per day,) yet our line of Pacific Mail Steamers go as full as usual, and come in loaded to the utmost capacity.—The Conatitution which sailed yesterday, carried 224 passengers and $437,[illegible] specie, specie mostly abroad, none to New York.

WATER! WATER!! WATER!!!

Look to your Pumps Farmers, the dry season is upon you, and your cattle, horses and other animals will suffer without a full and free use of water; see to it, you have good pumps and plenty of water.

If you have not good Pumps now, see advertisements in our Journal, the Pacific Pump Co., and Gerrish Pump, should be immediately examined by you, choose for yourself both are good.

WHAT DU YOU WANT?

We are in constant receipt of Advertising Circulars, Cards, Letters, Pamphlets, &c., giving more or less information relative to new Inventions, Stock Implements, Nursery Articles, Seeds, Books, Paintings &c., and oftimes we are requested to *Publish these Circulars*, and to *call attention* to their *Business &c.* and yet these very modest persons do not stop to think that this will put us to *considerable cost*, and that too without an equal chance that *we* should be repaid for *our labor* by any good that could come to us

Now we desire to give answer to all such persons in *this one special card.*

We will take the Golden Rule and hold it up before them, and ask each of this class of agents to change places with us, and tell us if they would do this class of *Advertising for nothing?*

We are soon to enter upon our THIRTY-SECOND VOLUME; in all our past years we have cheerfully and voluntarily advertised largely for Religious, Benevolent, Scientific and Literary Institutions, and without charge, to the amount of many thousands of dollars. We have cheerfully exchanged with many Journals, whose price was one half to one fifth in cash to our own, and this to *give them* the benefit of our Journal, and we have supplied many Institutions with our Journal during its entire period, *Free*, and this last we shall continue; but there are some things we *cannot* and *must not do*, because it *is not right*, and the things we cannot do, is to Advertise for everybody and everything *without pay.*

When we recieve this class of Letters and Circulars, we shall send a marked copy of our Journal with this card to such persons, and they must then understand that we ask a fair *Reciprocity* for *Labor*, if they manifest this well; if not, well for us

We wish however to be understood, we shall always to be happy to do all in our power to aid every Benevolent and Good Enterprise, that is strictly "Pro Bono Publico," without other reward than the satisfaction of doing good.

THE CALIFORNIA FARMER!

OUR THIRTY-SECOND VOLUME.

In the opening part of the next month we shall commence our THIRTY-SECOND VOLUME of the

"California Farmer."

A few numbers more and we begin the closing Volume of our SIXTEEN YEARS' LABORS with this Journal.

We do not feel that it is necessay we should launch out with any new promises of what we shall do for the *Cause of Agriculture* and its kindred Sciences, for the past must speak for us; and those who can look back to the time when we launched our little bark, will now justly recognize what has been done to advance this great and important source of wealth to our State by this Journal during these long years.

One thing we do know, "*We* have done what we could," and we hope with our New Volume to enroll many New Voluntary Subscribers. For all such cooperation we shall ever be duly grateful.

We return our most sincere and heartfelt thanks to all our Patrons for their many kindnesses, and hope to continue to walk with them many years in the pleasant scenes of Rural Life and Rural occupations.

The Terms of the FARMER will remain the same —$3 per year, $3 for six months, (gold price,) and $1 extra when payments have been delayed; and these terms are unchangeable. A liberal allowance for clubs; when five copies are paid for, six copies will be furnished.

WARREN & CO., Editors and Publishers,
320 *Clay St.*, San Francisco.

TEN REASONS WHY EVERY FARMER AND STOCK-RAISER SHOULD TAKE THE "CALIFORNIA FARMER."

1st. Every Farmer and Stock-raiser should be a reader of the Journal connected with the interests of his own profession in his own State.

2d. Every such person should give his sanction and support, generously and voluntarily to a Journal that advances his own particular business in his own State.

3d. Every such person is *benefited* by the publication of such a Journal, and is in justice bound to reciprocate such labors.

4th. No person engaged in these employments can be without such a Journal without the loss of many times its cost annually.

5th. The Farmer and the Stock-raiser will always be better advised of the markets, and that kind of information so important to his interests by constant access to a Home Journal.

6th. The *California Farmer* has faithfully advocated the best interests of the Farmer and Stock-raiser for nearly sixteen years, and is the *only Agricultural Journal in California.*

7th. The *California Farmer* contains the most important information relative to these interests in every branch of Agricultural science.

8th. The *California Farmer* contains the announcement of all New Seeds, Grains, Grasses, etc., together with all New Implements that will advance the cause of the cultivators of the soil.

9th. The *California Farmer* contains the arrival and introduction of all the best Stock of all kinds as soon as known, together with the full Market Reports of all the interests appertaining to Agriculture.

10th. The *California Farmer* is now the *only paper* on the Pacific Coast that is continued by its *original Editor and proprietor*, commencing at the time this Journal commenced; and having been constant in its efforts for the good of these interests, deserves the cheerful patronage of all good men.

NEW

Russian, Turkish & Roman BATH HOUSE,

Nos. 524 TO 528 PACIFIC STREET,

DR. ZEILE INFORMS THE PUBLIC THAT his New Bath House is now open for the accommodation of patrons. Neither pains nor expense have been spared to make this the best and most commodious establishment of the kind, either in Europe or America.

Convenient and separate apartments are afforded for the administration of bathing by Steam, by Hot Air, and by Plain or Medicinal Waters.

Trained and polite attendants will use their best efforts to give complete satisfaction.

DR. ZEILE has also attached to his bathing establishment a few handsomely furnished Suites of Rooms, where he will receive and entertain patients for treatment, who are not affected with any contagious or infectious disease. To secure this accommodation it will be always necessary for engagements to be made in advance of the arrival of the patient.

Open daily from 7 A. M. to 9 P. M. On Sundays from 7 A. M. to 2 P. M.

31-23

New Advertisements.

PIONEER CROCKERY WAREHOUSE.

HAYNES & LAWTON

SELL AT

WHOLESALE AND RETAIL,

CROCKERY,
GLASS, AND
CHINA WARES.

OUR SILVER-PLATED GOODS

Are all Plated by the

Pacific Plate Works,

For which we are Agents, their Manufactory being upon our premises.

TEA SETTS, CASTORS, & CAKE BASKETS

Can be had Plated as heavily as desired.

OUR SPOONS AND FORKS

Are all stamped with the name

"PACIFIC PLATE WORKS,"

And are fully guaranteed.

Orders from the interior, and letters asking information, will receive immediate attention from us,

The most careful packers are employed, and no difficulty need be apprehended in having goods reach their destination in good order.

HAYNES & LAWTON,
216, 218, 220, 222 SANSOME STREET,
SAN FRANCISCO,
And 183 Main Street, Stockton.
21

Walter Brown & Co.

WILL HOLD THE

FIFTH REGULAR PUBLIC SALE OF

WOOL,

On the 15th of July, at their Warerooms,

26 & 28 Park Place & 21 & 23 Barclay St.

NEW YORK,

And the SIXTH will occur about the middle or last of AUGUST.

Their facilities for selling at Private sale are largely increased by these Public Sales, and consignors will receive the benefit of both methods without increase of charges or commissions. Sales generally made directly to consumers. Advances made when desired.

Commissions, 2 per cent, and Government Tax of 1-10 of 1 per cent, which covers advances, guarantee, and all charges after the receipt of Wool.

Consignments Solicited. Further particulars cheerfully given by letter when desired.

31-23 3m

WHO MAKES SCRAP BOOKS.

'Tis said "In the making of Books there is no End," and we know there are many persons who are always interested interested in SCRAP BOOKS, now to all such persons, we have some very important information which will benefit them.

It will be seen by our advertisement of OLD NEWSPAPERS FOR SALE that we can furnish just the *right material for Scrap Books*, for we have in this collection of Old Newspapers, a series of papers of 10 to 16 years and from every State in the Union, and also European papers; also select scientific and literary papers, Journals of all kinds, In these papers will be found much of the best Poetry of the age, also Stories, Anecdotes, Recipes &c., all very valuable, and these we shall offer at the low rate of $2.50 to $3, per hundred. Many of these are 12, 16 and 20 page pamphlets and magazines and other periodicals, those who want these collections will address

EDITOR CAL. FARMER.

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by overland route, in the most perfect order, only a few days on the way.

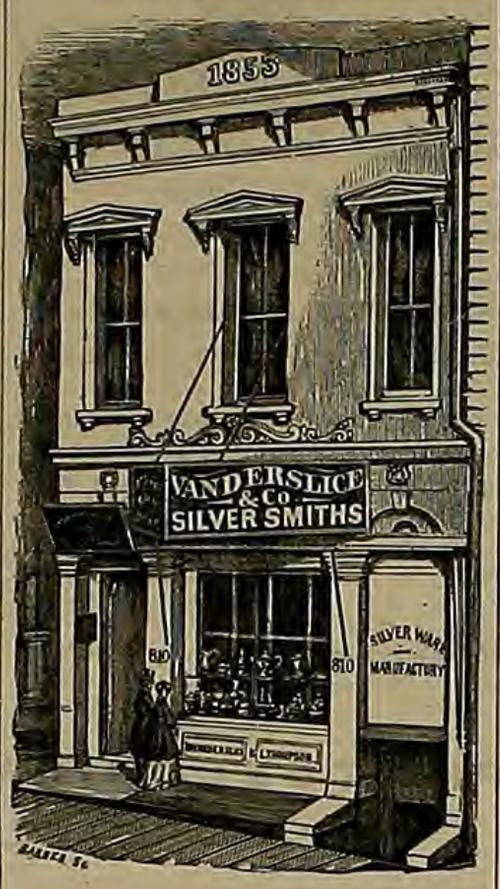
This is now a grand chance for those who have "*Tule lands*," for if planted now, they will begin to yield the coming season. Apply at

FARMER OFFICE.

New Advertisements.

W. K. VANDERSLICE. THOS PEON.

SILVERWARE MANUFACTORY.



We offer every kind and variety of Silverware of our own make, or made to order for purchasers.

We have demonstrated that we can easily compete with Eastern or European manufacturers, and those wishing to purchase Silverware, if they will call on us, we will convince them it is so, and that they can purchase of us a BETTER ARTICLE and at LESS PRICE than the Imported Wares.

Orders by Express promptly attended to, and at as low prices as could be obtained if ordered personally.

Manufactory and Salesroom,
No. 810 MONTGOMERY STREET,
JUST ABOVE JACKSON.

☞ Goods sold at RETAIL as well as Wholesale.

W. K. VANDERSLICE & CO.
31-19

THE AMERICAN SUBMERGED PUMP

THE ONLY PUMP COMPOSED OF ALL METAL no Rubber or Leather packing. For ease of working, great power in forcing, with hose, constitutes these for Irrigation, or as a Fire Engine, the greatest Invention now in use in the way of Pumps.

They are on practical exhibition at the Company's Warehouse.

Farmers wanting a Pump, and who cannot come and see their operation, will be sent a Circular giving full particulars of their great advantages by addressing the

Pacific Pump Manufacturing Co,

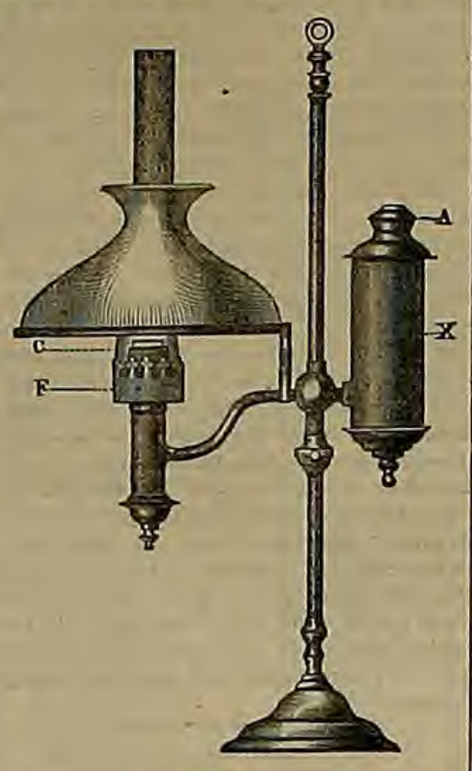
Nos. 211 and 213 California St.,

SAN FRANCISCO.

31-19

New Advertisements.

ST. GERMAIN STUDY LAMP.



Your Student Lamp has become a great favorite in my house. I employ it in preference to all others. I can suggest no improvement and desire none.

Rev. HENRY WARD BEECHER.

For Sale with extra Glasses and Wicks, and with printed directions for preparing and using it,

—BY—

HAYNES & LAWTON,
516, 518, 520, 522 Sansome Street,
31-23 SAN FRANCISCO.

TO THE PUBLIC!!!

THE

SAN FRANCISCO

PACKAGE EXPRESS COMPANY.

CAPITAL.....$100,000

IS ORGANIZED FOR THE PURPOSE OF CARRYing Passengers, Baggage, Packages, and Parcels from the different Railroad and Steamboat Lines, and delivering the same to any part of the City.

To our friends from the Country this system presents itself for their consideration. They can give their checks, etc. to our Messengers on the Cars and Boats and feel perfectly sure that all will be safely and promptly delivered, thus saving any trouble with Hackmen or Job Wagons.

The Street Cars run from all Depots to the different Hotels.

Fruit or other Freight consigned to our care will be promptly delivered, and Freight Bills paid.

Mark Care of

"S. F. Package Express Company,"

Commissions for the purchase of goods in this City especially solicited, and articles forwarded as directed

This Company commends itself to the General Public. The same system has been long in operation in Eastern Cities with great success.

GENERAL OFFICES:
222 Montgomery St., opposite Russ House,
AND
211 and 213 California St., near Battery.

D. V. B. HENARIE, Pres.,
T. A. MUDGE, Secy. and Treas.,
H. B. MURRAY, Supt.
31-19

CAREFUL DIRECTIONS.

☞ We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
320 Clay St., San Francisco Farmer Office

Miscellaneous.

PRESERVE JARS.

The Best Patent Preserve Jar Manufactured.

MOORE JAR.

FOUR SIZES:
Pint, Quart, Three Pint and Gallon

HAYNES & LAWTON,
216, 218, 220, 222 Sansome st. San Francisco,
183 Main street, Stockton.
31-21

FIREWORKS!!!

AT

REDUCED RATES.

A. GIORGIANI FRUIT STORE,

No. 421 Washington St. opposite Postoffice,

Laboratory, Van Ness Ave. near Polk St.

A LARGE VARIETY OF FRESH

TROPICAL FRUITS

ALWAYS ON HAND.

31-21-1m

JUST ARRIVED!

HALL'S IMPROVED STEAM THRESHING MACHINES

Having a Shoe with Seive 48 inches long, and the large Iron Planet or Smith Horse Power.

ALSO,

Indianapolis STEAM ENGINES,
Made by Sinker & Co.,
TOGETHER WITH
PORTABLE STEAM ENGINES,
Expressly for Threshing.

PATENT SELF-OILERS

For Cylinders and other bearings, warranted to save one-half the oil formerly used and have the bearings always lubricated.

MACHINERY OIL AND AXLE GREASE,
Warranted not to gum.

Mowers, Reapers, Headers, Etc.,

On hand and made to order, Grain Carriers or Drapers for all the different Machines, Header Belts or Drapers, Seives or Riddles, Screens, etc.

Extras of all descriptions constantly on hand

JOHNSON'S UNION

Washing Machine and Wringer,
The Best in use.

WM. LYNE,
115 and 117 Davis Street,
Between Sacramento and California,
SAN FRANCISCO.
31-19

SUPERIOR MELON SEED

FOR LATE PLANTING,

We have just received from New York, a small Invoice of *Superior Melon Seeds*, of the following kinds for late planting.

PURE ICE CREAM MELON,
TRUE NETTED CANTALOUPE,
LONG GOLDEN MUSK MELON,
GREEN FLESH MELON.

Now is the time to plant Melons on our river-band lands, and on all alluvial soils; planted now, they spring into bearing quickly.

For sale at FARMER OFFICE, 320 Clay St., up stairs.

WALTER BROWN & CO.

WOOL

COMMISSION MERCHANTS,

26 and 28 Park Place,

21 and 23 Barclay Street,

WALTER BROWN,
HENRY T. BROWN. NEW YORK.
21-22-1y

ORANGE SEED.

THOSE WHO WISH TO RAISE TREES FOR AN *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE.

Home Miscellany.

[For the California Farmer.]

SUNLIGHT.

BY BERTHA RAY.

Let us run into the sunlight,
As dark as life was made,
We never make it better,
By living in the shade.

The wicked, God-forsaken,
With their lives of crime and blight,
May hide away in darkness,
And burrow from the light.

We fly away from darkness,
As we fly away from sin;
We never shut the window up,
That lets the sunlight in.

It is shining through the prison bars,
Upon the prison floor—
A spirit from the world of light,
To us forever more.

ASK MOTHER.

BY GEORGE COOPER.

Where is the sweetest pet,
The brightest birdie yet?
Whose are the prettiest eyes,
Most loving and most wise?
What form of fairest mould
Is worth its weight in gold?
You can't imagine? well,
Ask Mother—she can tell!

Where is the sunniest gleam
That makes her life a dream?
Whose are the rosy toes,
And blessed little nose,
And dimpled hands and feet,
The models all complete,
Which nature can't excel?
Ask Mother—she can tell!

Who is the grandest king,
Or queen, or anything
That may be great or high?
Who wandered from the sky
The best of girls or boys,
To be her joy of joys?
You guess—the Baby! well,
Ask Mother—she can tell!

WORK AND WOMEN.

Miss Catherine Beecher is at a Swedish Cure establishment in this city, and a few days since a meeting of women was held at the house where she is and a series of resolutions was adopted which have some good sense in them. Mrs. M. O. Roberts presided at the meeting, and several ladies, who know that the Anthony, Stanton and Dickinson movement is worse than foolish, participated in the proceedings. Here follow the resolutions.

Resolved—That one cause of the depressed condition of women is the fact that the distinctive profession of her sex, as the nurse of infancy and of the sick, as educator of childhood, and as the chief minister of the family state, has not been duly honored, nor such provision been made for its scientific and practical training as is accorded to the other sex for their professions; and that it is owing to this neglect that women are driven to seek honor and independence in the institutions and the professions of men.

Resolved—That the science of domestic economy, in its various branches, involves more important interests than any other human science and that the evils suffered by women would be extensively remedied by establishing institutions for training women for her profession, which shall be as generously endowed as are the institutions of men, many of which have been largely endowed by women.

Resolved—That the science of domestic economy should be made a study in all institutions for girls; and that certain practical employments should be made a part of common school education, especially the art of sewing, which is so needful for the poor; and that we will use our influence to secure these important measures.

Resolved—That every young women should be trained to some business by which she can earn an independent livelihood in case of poverty.

Resolved—That in addition to the various indoor employments suitable for women, there are outdoor employments especially favorable to health and equally suitable, such as raising fruits and flowers, the culture of silk and cotton, the raising of bees, and the superintendence of dairy farms and manufactures. All of these offer avenues to wealth and independence for women as properly as men, and schools for imparting to women the science and practice of these employments should be provided and as liberally endowed as are the agricultural schools for men.

We have long urged such views as these on the unwilling ears of women. The cry that is raised about women suffering for the want of work and good wages is [a needless cry, because there is more work for women than there are women ready and willing to do it. Society is now suffering for the want of women competent and willing to do the labor necessary for its comfort. Take the department of dressmaking. In every street of the city and in every village of the land there is demand for *competent* dressmakers. So with housework. The want of *help* in the house is the crying evil of domestic life.

HOME AND HEAVEN BELOW.

The man who stands upon his own soil, who feels that by the laws of the land in which he lives—by the laws of the civilized nations—he is the rightful and exclusive owner of the land he tills, by the constitution of nature, under a wholesome influence not easily imbibed from any other source. He feels, other things being equal, more strongly than another, the character of a man as the lord of animate world. Of this great and wonderful sphere which, fashioned by the hand of God, and upheld by His power, is rolling through the heavens, a part is his—his from the centre to the sky. It is the space on which the generation before moved its round of duties, and he feels himself connected by a link with those who follow, and to whom he is to transmit a home.

Perhaps his farm has come down to him from his fathers. They have gone to their last home; but he can trace their footsteps over the scenes of his daily labors. The roof which shelters him was reared by those to whom he owes his being. Some interesting domestic tradition is connected with every enclosure.—The favorite fruit was planted by his father's hand. He sported in boyhood beside the brook which still winds through the meadow. there lies the path to the village of earlier days. He still hears the voice of the village bell which called his father to the house of God; and near at hand is the spot where his parents laid down to rest, and where when his time has come, he shall be laid by his children These are the feelings of the owner of the soil. Words cannot paint them. they flow out of the deepest fountains of the heart: they are the life-spring of a fresh, healthy and generous natural character.

SHREWD.

A gentleman was chatting with a little girl on a railway train, when she suddenly looked up in his face and said,

"You look like Abraham Lincoln."

"Do I!" said the gentleman; "how do you know I'm not?"

"*He's dead*," said the child, with an astonished look at the questioner; "they *killed* him."

"Well," said the gentleman, "but didn't Abraham Lincoln have a brother?"

The child looked puzzled for a minute, and then quietly remarked,

"My father saw Abraham Lincoln."

"Did he?" asked the gentleman.

"Yes; after he was dead he saw him. Did *you* ever see him?"

"No," said the gentleman. "I never saw him."

"Then," said the child, triumphantly, "*course you ain't his brother!*"—*Little Corporal.*

Sorrow.—At whatever sign of genuine sorrow no one but a brute can mock. Sorrow is not more a chastener of the true soul than it is an inspirer of reverence. There is a measure of grief that is spiritual, elevating, purifying and divine. Most humanizing and divine is that immortal picture of Niobe. The tears of a mother over her dead babe—her first born—or the sadness of whatever heart is bereaved—these are sacred symbols of the divine that stamps and hallows our brotherhood—our humanity.

Canning Green Gooseberries.—Set the jar in warm water, and fill with the berries; then pour on boiling water until the jar is entirely filled; then seal immediately. A jar of gooseberries canned in this manner four years ago look now as fresh and plump as when first put up; and no sign of mould on them.

—"Do you know sir, that I am worth one hundred thousand dollars?" "Yes, I do, and that is all you are worth." Two men died withic the past month, one worth twelve millions, the other fifteen millions. Who knows their worth today?

—A good deal of the trouble of God's people arises from a mistake and misaprehension of God. They judge of God by their own sense, not by his promise; by their own frame, not by his constant nature.

—A late Paris paper revives the report of the impending marriage of Madame Lincoln, widow of the President of the United States, with Count Schmidtville, Chamberlain of the Duke of Baden.

—Nashville shopkeepers hire good looking girls to promenade the streets in dresses of their manufacture on pleasant days.

—It often happens, when the husband fails to be home to dinner that it is one of his "fast" days.

FLORENCE

The FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco not working well, I will fix it for nothing and pay all express charges.

SAMUEL HILL, Agent,
111 Montgomery street,
San Francisco.

31-19

BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for the last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $5 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and is valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

Miscellaneous.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND SELF-ADJUSTING SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machiner beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDEWS,
THOS. C. McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

THE PHOTOSCOPIC Table Company.

THE NEW INVENTION of this Company is known as the Anthropotoscopic, or "Photoscopic Table," designed to give a Life effect to every picture within the table.

THIS INVENTION enlarges and perfects all the outlines of a picture, Landscape or Photograph, and also gives the very finest lines of the most perfect Steel Engraving.

THE GRAND OBJECT OF THE INVENTION

this wonderful table is to present a vast number of Pictures from 100 to 500, and thus give an opportunity to group Families entire; and also groups of chosen friends, collections of noted individuals, or series of landscapes, giving a grand Panorama of changable pictures, arranged to suit the wishes an desires of each owner of the table,

THESE INSTRUMENTS are made in the very best style so as to be a beautiful parlor ornament, one of the best in the parlor, made of our own beautiful native woods, and highly finished, and in price from $50 to $125.

Those who desire to purchase, can see one of the Tables by calling at the Farmer Office, or addressing

EDITOR FARMER. 32-1

PACIFIC ANATOMICAL MUSEUM,
....AND....
GALLERY OF NATURAL HISTORY AND SCIENCE,
Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in Science, Natural History, and Art, is now open to the public.

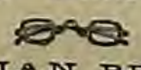
Extensive embellishments and improvements have been made. The additions will include an immense collection in Botany, Ichthyology, and Entomology.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORRILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of Human and Comparative Anatomy.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 29x1

Preserve Your Sight!



BRAZILIAN PEBBLES.
SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,
71 No 203 Montgomery street, San Francisco.

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental Variety
JAPAN LILLIES,
Rare Kinds ROSES,
GERANIUMS,
HELIOTROPES,
FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

can have this work done to their satisfaction by calling at this Office, where all the best works on Gardering can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the Trees, Plants, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California Farmer.

None but Educated men ever engaged in such work.

Address

WARREN & CO.,
Farmer Office.

Miscellaneous.

GEO. O. WHITNEY & CO.

PIONEER

FURNITURE

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Upholstery Warerooms

MANUFACTURERS

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ESTABLISHED 1850.

HAVE RE-OPENED AT THE NEW AND SPACIOUS BUILDINGS,

No. 319 and 321 PINE STREET,

Where will be found the most EXTENSIVE AND VARIED ASSORTMENT OF GOODS in the above lines ever before exhibited for sale on the PACIFIC COAST 31 13

ECONOMY

WASHING MACHINE!

A new lot of the above named Machines, including all the latest Improvements, are now ready for sale and can be sent to any part of the State.

Ninety-one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JONE M HORNER, Mission, San Jose, Lameda County, will receive prompt attention.

20,000 NEWSPAPERS.

We have Twenty Thousand Newspapers—Newspapers of the largest size among our Exchanges, suitable for Wrapping Paper for Dry Goods, Clothing, etc.

—ALSO—

TEN THOUSAND

Of the best Agricultural Papers known, comprising our various Agricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on Agricultural matters, can have these at low rates by the 100. Apply at FARMER OFFICE.

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE NINETEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 19th, 1869

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months,.....$35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S J. President.

CARLOS O'DONNEL'S

CALIFORNIA

CORDIAL TONIC

OR

Wild Cherry Bitters.

TRADE C. O. D. MARK

This elegant preparation is acknowledged by all have used it to be the most efficient remedy for who disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

DYSENTERY, DIARRHŒA

NERVOUS AFFECTIONS,

Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

N. B. JACOBS & CO.

Sole Agents,
423 *FRONT STREET, SAN FRANCISCO.*
31.12-3m.

Country Homes Wanted.

There is wanted at this time, several **Homes in the Country**, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately.

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Addres the

FARMER OFFICE.

Miscellaneous.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES,

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867

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BY THE MECHANICS FAIR, 1868.

FOR THE BEST SPARKLING WINES.

ISIDOR LANDSBERGER,

30-12. 429 *Jackson Street.*

RAISIN,
And other choice
GRAPE CUTTINGS,
ALSO
WINES AND BRANDIES
Of the choicest variety on hand and
FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867,

TO THE

Natoma Vineyard

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 24

New Strawberries, Raspberries, Grapes &c.

We have just received an invoice of New Strawberries, Raspberries, Blackberries, &c., to which we call the special attention of all who desire the Best and Choicest Vines and plants known. The following varieties received:

Blackberries—THE KITTATINY. WILSON'S EARLY.

Raspberries—DAVIDSON'S THORNLESS, DOOLITTLE BLACK CAP.

Strawberries—DR NICAISE, nine to the pint GOLDEN QUEEN, magnificent GREEN PROLIFIC, rare.

New Grapes—TEN VARIETIES New Grapes

As the amount of these new and rare things is limited, early orders only will secure them. Address

WARREN & CO
Farmer Office

OUR HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact and the probability that unless checked this large sum of money will be increased each year and in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and insure its INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION whose capital and assets will not be impaired, or in any way affected by the change in values that will sooner or later come by a return to specie payments in the other States of the Union. Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

THE CALIFORNIA

MUTUAL LIFE

Insurance Company

Of San Francisco.

OFFICE NO. 13, MERCHANTS' EXCHANGE.

DIRECTORS:

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F. McCOPPIN, President. S. F. BUTTERWORTH, Vice-President.

All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION OF DEBTS, whether the policy be in favor of the party assured, or of any other person.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured at any time when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up their premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium for a period *corresponding* to the time they have paid all cash, by merely giving their note, and paying the interest in advance.

Wm. R. WHEATON, General Agent.

CRANBERRY PLANTS BY MAIL. Enclose 50 cents per 100, and send for Circular. OIL PAPER. 6 cents per sheet by mail, $4 50 per 100 sheets; size 24 by 36 GRAFTING-WAX, for Nurserymen and others, highly recommended, and at satisfactory prices.—F. THOWBRIDGE, Milford, Conn

31-16 1mo

Miscellany.

OUR SILK WORMS.

The Silk interest and its great future results must depend upon a proper management now.

San Jose, Los Angeles, and Sacramento seem to be the points of greatest interest, and although our friend Provost has selected Los Angeles, our Special *City* of Sacramento seems to *strive* for the prize in the Silk business.

The Sacramento *Bee*, ever busy, gives us the following picture of the

COCOONERIES OF SACRAMENTO.

In a district lying just east of this city, and the area of which is not more than a mile square, there are in full operation six or seven cocooneries, showing the great interest now being taken in that branch of industry—sericulture. The proprietors of these cocooneries are sanguine of financial success, and feel satisfied that the business cannot be overdone. On Sunday last we had the gratification of visiting four of the cocooneries; but the lateness of the hour when we had disposed of them prevented our visiting the others on that day. Smith Brothers, of Smiths' Gardens, have lately completed a cocoonery, in size 30 by 80 feet, and having 18 feet posts. Hot air from the heater is conveyed through the building by clay pipes, which are supplied with registers, regulating the temperature at between seventy and eighty degrees. There were in that cocoonery between 200,000 and 250,000 worms, and more constantly hatching; this cocoonery has accommodations for 1,000,000 silk worms. Messrs. Smith have over 100,000 mulberry trees. The rapid growth of these trees is astonishing. We there saw mulberry trees from 12 to 15 feet high and three inches through, which were seedlings a year ago last spring. Calling at the cocoonery of Burnett & DeMerritt, we found a building 24x50 feet, having 14 feet post, with heater, cellar, etc., and space for between 400,000 and 500,000 worms.—Here we saw silkworms in all stages, from the eggs up to those engaged in making cocoons. Mr. Burnett informed us that he had worms which commenced forming cocoons in 27 days from the egg, whereas it generally requires 30 days. Only at this cocoonery did we see the worms spinning.—The building was put up entirely by Mr. Burnett alone, and it reflects great credit on his skill as a mechanic. This firm has another cocoonery at Folsom. Mrs. Waldron's cocoonery is but a few yards distant from Burnett's. It is of exactly the same dimensions, and its interior arrangements, heating process, ventilation, etc., are about the same. Here we saw a large number of worms, all in the most healthy condition. Visiting the thrifty farm of E. F. Aiken, on Burns' slough, we found that he is setting apart a portion of the second story of his very handsome gothic barn for a cocoonery, which is in size 30 by 32 feet, and 30 feet in height to the ridge. He will have 4,570 feet of space for his worms, and will be able to accommodate between 500,000 and 600,000. This cocoonery will soon be completed, and then the worms which are now in a neighboring house will be moved into it. The heater is now being put up outside the barn and at the south end. If successful this year Mr. Aiken intends to put up an addition of 40 feet to the south end of his barn, thus placing the heater in the center, and he will then have the entire first and second floors as a cocoonery. In this mile-square district there are at least 50 acres of mulberry trees and there are now employed there from 70 to 80 men, where two years ago the services of not more than 12 or 15 were required. So much for the present in regard to sericulture in the vicinity of Sacramento.

Messrs. Hunt and King's Silk Circular says:—We have to report only a slight increase of business in the silk market, but prices are generally fairly maintained. In China silk a moderate demand appeared at the commencement of last month which cleared off the parcels being offered at some reduction, and transactions would doubtless have been made to some extent had holders been less firm and continued to concede about five per cent upon April prices; these rates consumers for the present seem unwilling to pay, except for special sorts or for absolute wants. In Japan silk a few sales have been made of good medium sorts at a decline of five per cent, but in the best and lower descriptions there is no alteration. The last advices from Shanghai to the 7th of May, report the most limited business; a few hundred bales only are added to the settlements, so that the total for the season, including Japans, will scarcely exceed 40,000 bales. Prices were firm. In Bengal silk there is nothing to remark. In European silk little can yet be accurately known. It appears that the original Italian and French silk yearly diminishes and the reproduction from Asiatic seed does not succeed, hence the high rates paid for good and yellow cocoons; a fair crop in quantity may still be gathered from the seed so largely imported last year.—*N. Y. Economist Reports from Japan.*

—A Texas gentleman has received a large quantity of silkworm eggs from France through the post. Some of the eggs hatched on the way, and the worms were living on their arrival.

Expensive Pills.—Josh Billings has been experimenting with pills for the good of mankind, and says: "Ef yu are lookin for a pill az mild az a pet lamb, and az searching az a fine tooth comb buy Dr. Kingbone's silent perambulators, twenty-seven pills in a box, sold by all respectful druggists. These pills don't phool round, but attend strickly to bizziness, and are as good in the dead of the night az an alarm clock."

Lives of Animals.—The hare lives 10 years, the ass 10, the goat 3, the donkey 20, the sheep 10, the dog from 15 to 20, the ox 20, the sow 25, the pigeon 8, the turtle dove 25, the partridge 25, the raven 100, the eagle 100, and the goose 150.

New Advertisements.

GYPSUM. (Sulphate of Lime.)

This well known but most wonderful fertilizer has not yet been practically introduced into the Agricultural interests or before the minds of our California cultivators, for the reason that there was no supply, and because it was hard to make them believe our lands needed manuring.

The time, however, has arrived when, by the admitted fact of the deterioration of our soil and the lessening of crops, something must be done to restore the soil and bring it into that state of fertility necessary to make it profitable to cultivate the soil.

Gypsum is a compound of Sulphuric Acid and Lime, and the object of this fertilizer is the fixing of Ammonia, thus making it the direct food of plants, either by supplying the Sulphate of Lime or by its decomposition, affording the Sulphur so necessary to the due development of certain plants.

Sprengel's Analyses shows the quantity of Lime and Magnesia, Sulphuric and Phosphoric Acids to be very large in the following plants, and for these this fertilizer has no superior:

Wheat, Barley, Oats, Potatoes, Cabbage, Swedish Turnips, Clover, Beets, Turnips, and root crops generally; thus ensuring to a certainty its great importance to the Farmers.

Liebig's Natural Laws of Husbandry gives conclusive proofs of its superiority as a fertilizer on Clover and Grasses, furnishing details of experiments made by distinguished men in various parts of Europe.

According to the experiments made by Buckholtz, Gypsum is composed of *thirty-three* parts of Lime, *forty-three* of Sulphuric Acid, and *twenty-four* of the water of crystalization.

Gypsum is often called Plaster of Paris, but this is wrong—it only takes that name and character when it has been deprived of its water of crystalizates by fire; there it becomes *Calcined Gypsum* or Plaster.

Gypsum for Dry Countries like California, will prove immensely valuable, as when used as a fertilizer in our hot and dry soil, its waters of crystalization are seperated by means of our hot climate and go at once to benefit the plants, while the Acids and Sulphate of Lime is taken up by the soil, enriching it to a very great degree.

The undersigned is now prepared to furnish this valuable fertilizer by the quantity to all who desire to try its well attested virtues.

CHAS. J. JANSON,
222 BATTERY STREET.

31-19

To Hay-Makers!

The Great Stacking Fork.

WE OFFER TO THE HAY-MAKERS OF THE PACIFIC Coast, the Celebrated

HARPOON HAY STACKING FORK

One of the best inventions of the age. With this Fork, A Great Saving of Time, Strength, Labor and Expense is made, as it is indeed a very valuable and important implement, both to Hay Makers and Grain Growers. This machine is used to load and unload Hay or Grain Waggons to Barn or Stacks, and is very extensively used at the East.

We have received a few of these Implements which can be seen at our Office. Having more on the way, we are prepared to take orders for them in quantities to suit the trade, as we have the Agency for the sale of them for the Pacific Coast.

Sample Implements, and all Particulars at our Office.

WARREN & CO.,
"Farmer Office," 320 Clay Street, up stairs.

CAST-STEEL DAIRY KNIVES

WE HAVE RECEIVED INVOICES OF THE CELEBRATED

Cast-Steel Dairy Knives,

Manufactured by D. G. Young of New York. We have them of all sizes, from those of FOUR BLADES to cut FIFTEEN INCHES, up to THIRTEEN BLADES to cut TWENTY INCHES.

These Knives are of very great advantage to Dairymen, and are worthy their attention.

For sale by **WARREN & CO.,**
"Farmer Office," 320 Clay Street, up stairs.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the Farmer. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma
FOR THE BEST
CHAMBER, DINING
—AND—
Parlor Furniture,

Including our WHOLE DISPLAY at
MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the
BEST GOODS
IN THE MARKET AT VERY LOW PRICES

N. P. COLE & CO.
310, 312, 314 Pine Street,
30-10 SAN FRANCISCO.

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers
AND
Importers of

HARNESS,

Saddles, Bridles,
WHIPS, COLLARS
SADDLE-WARE, &C.,
Nos. 214 and 216 Battery street,
SAN FRANCISCO.

☛ To correct a very erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES.

N. B.—
We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Advertising Abroad!

WE CALL THE SPECIAL ATTENTION OF ALL Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the Pacific Coast, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all Human Enterprizes, the Pacific Railroad, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and the who wisely advertise now, will be the first to secure it, and when once secured, they can hold on to it.

We therefore invite all those who have valuable Implements, Manufactures, Inventors, Books, Paintings, etc. to the Columns of the California Farmer, that will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop'rs.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

THE PACIFIC INSURANCE COMPANY HAVING ARranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

SAN FRANCISCO:
Louis McLane, W. C. Ralston, A. L. Tubbs, Wm. Alvord, Frederick Billings, Jonathan Hunt, A. B. Forbes, A. G. Stiles, A. Seligman, L. B. Benchley, Wm. Sherman, L. Sachs, Jas. De Fremery, J. G. Bray, J. B Newton, David Stern, D. O. Mills, J. G. Kellogg, G. H. Howard, Moses Heller, H. M. Newhall, G. T. Lawton, Edward Martin, Chas. Mayne, Moses Ellis, E. L. Goldstein, Wm. T. Coleman, J. O. Earl, Lloyd Tevis, Geo. W. Beaver, Adam Grant, Alpheus Bull,
S. M. Wilson, D. J. Oliver, W. Scholle, Morton Cheesman, H. Hansemann, D. W. C. Rice, Oliver Eldridge, E. W. Leonard, S. Steinhart, P. L. Weaver, Wm. Hooper, Alfred Borel, A. Hayward, T. L. Barker, Alex. Weill, Chas. Meyer, J. D. Fry, M. Rosenbaum, H. H. Bigelow, T. Lemmen Meyer.

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JONATHAN HUNT, President
A. J. RALSTON, Secretary,
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H. H. BIGELOW, General Agent.
T. C. GRANT, J. E. BIGELOW, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L. AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☛ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H.&L.,

Is on the red cover of the packages

Depot, 320 Jackson Street,

HUCKS & LAMBERT,
Inventors and Sole Manufacturers,
146 Natoma street, San Francisco.

FRIEDLANDER'S NORTH POINT GRAIN WAREHOUSES.

SANSOME AND CHESTNUT STREETS,

SAN FRANCISCO.

THESE MAGNIFICENT BRICK WAREHOUSES—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

For storage, apply at the Warehouse to
THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

CENTRAL PACIFIC RAILROAD,
LAND DEPARTMENT.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit: five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

Printing and Wrapping Papers

PAPER BAGS, TWINE,

Blank Books, Stationery, Etc., Etc.

All Kinds of Paper made to order.

Warehouse, 319 & 321 Clay Street.

30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

STANFORD BROS.

123 CALIFORNIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD China, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.
Alcohol, Turpentine, Lamp Stock of all kinds.
Gasoline, gravity 84.
Naptha, gravity 65 and 71.
Also Grant's Candles, in lots to suit. 30-27

Produce Markets.

Wholesale Produce Report.

This report reflects the prices paid by the dealer to the produce on the wharf or landing places.

Corrected Weekly, by EDITOR FARMER.]

SAN FRANCISCO, July 1.

Our Grain Market is without material change. The news from abroad which caused a temporary rise of a few pence the cental was not sustained, and the demand for shipping is very limited. The Home demand is also light, and without a prospect of a pressing demand.

The prices are such as to make it an object for all to *sell now* at the present rates, *if they can find buyers*, for with the reports that come from all our Grain regions can be relied on, then surely our *present rates* will secure the *best prices* for some time for the *grower now*.

It is pretty generally known that our Grain shippers have experienced quite heavy *losses* the past year, even when they expected *gains*, therefore, as "the burned child dreads the fire," so Speculators will not be so rife his year. Farmers should sell and realize now.

Grain, &c

Wheat California, ₱ 100 lbs	$1 30	@	1 40
do Extra	1 50	@	1 60
Barley, ₱ 100 lbs	1 00	@	1 20
Rye ₱ 100 lbs	3 00	@	3 25
Oats, California, ₱ 100 lbs	1 40	@	1 70
Corn ₱ 100 lbs	1 25	@	1 40
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 00	@	2 20
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	18 00	@	20 00
Middlings ₱ ton	24 00	@	27 00
Oil Cake Meal, for feed, ₱ ton		@	30 00
Beans, ₱ 100 lbs	3 50	@	5 50
Potatoes Old	50	@	75
Potatoes, New	1 10	@	1 50
do sweet		@	
Onions	1 00	@	1 25
Hay, ₱ ton, extra	12 00	@	16 00
Hay, ₱ ton, ordinary	8 00	@	10 00
Straw ₱ ton	—	@	—

Retail Prices in the Fruit Market.

Fruit.—As some varieties decrease others take their place. Strawberries wane. Raspberries and Blackberries grow abundant. Peaches begin to come in more plentifully. We hope soon to see some from the Mountain Ranches—those *red* cheek Melacaton's that weigh a pound each; these will soon be here.

Pears and Apples improve in quality. Luscious Figs — the black and brown Turkey Figs are now in market. Plums, too, come in more freely. We saw some true green Gages from Alameda—the very best Plum grown. Green Almonds, and native Hazelnuts come in with other Fruits. Whortleberries and wild Blackberries with large English Gooseberries are now offering freely.

We noticed a fresh lot of the Jucunda Strawberry, yet they will not prove a berry for carriage, as they grow soft—splendid, yet tender, melt quickly.

Apples, ₱ box	1 50	@	2 00
Apples, ₱ lb	6	@	10
Pears, green, ₱ lb	6	@	10
Plums, ₱ lb	15	@	25
do Large	—	@	—
Peaches, ₱ lb	20	@	25
do Dried	10	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	8	@	12
Cherries, ₱ lb	15	@	40
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	—	@	—
Melons, green flesh		@	
Watermelons	40	@	50
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	15	@	20
do Fresh, ₱ lb	—	@	25
Strawberries, ₱ lb	15	@	25
Raspberries, ₱ lb	—	@	20
Blackberries, wild ₱ lb	—	@	15
Gooseberries ₱ lb	—	@	12½
Currants, ₱ lb	15	@	20
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
California Almonds, green	—	@	15
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

Our Market now shows a very gratifying face to those who love a "Vegetable Diet," for there is everything the most fastidious lover of *green things* could desire.

Very fine Sugar Peas, Green Corn, Egg Plant, Tomatoes, Asparagus, Cauliflowers, Rhubarb, Peppers, with all the Salads and spicy Herbs, are arrayed in our Market most *abun* and all most *excellent*. Our Eastern friends must be well fed and thus be well delighted.

Asparagus, white ₱ lb	8	@	12
do green	—	@	8
Artichokes, (Fr.) ₱ doz	—	@	25
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz	—	@	25
Broccoli, ₱ doz	75	@	1 00
Cauliflower, ₱ doz	75	@	1 00
Cabbage, ₱ doz	75	@	1 00
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches	—	@	25
Cucumbers, ₱ doz	20	@	30
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	—	@	50
Garlics, new		@	12
Green Peas, ₱ lb	4	@	5
Green Corn, ₱ doz ears		@	25
Sugar Peas	10	@	12
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	5	@	6
Horseradish	20	@	25
Okra, dried, ₱ lb		@	25
Potatoes, ₱ 100 lbs	1 25	@	1 50
do do new	2 00	@	2 50
do Sweet		@	
Pumpkins		@	
Parsnips, ₱ doz bunches	—	@	25
Parsley		@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	8	@	10
Radishes, ₱ doz bunches	—	@	37
do yellow	—	@	37
do black, ₱ bunch	25	@	37
Green Peppers	—	@	25
do Red	—	@	—
Squash, Summer	4	@	5
do Marrowfat	3	@	5
do Hubbard	3	@	8
Beans, String	6	@	8
Green Lima, shelled	—	@	—
Spinage, ₱ basket	25	@	40
Salally, ₱ bunch	10	@	15
Turnips, ₱ doz	25	@	37
Tomatoes, fresh, ₱ lb	—	@	6
Garlic	—	@	12

Fish

(Tessmore and Mayes.)

Our Fish Market goes on swimmingly. Plenty and of the best, at Tessmore & Mayes. Prices same as last week.

Salmon, ₱ lb	—	@	10
do smoked, new	10	@	12
do pickled, ₱ b	6	@	10
Salmon Trout ₱ lb	—	@	38
Smelts	6	@	10
Perch		@	10
Rockfish		@	10
Codfish, dry		@	10
Herring, fresh	—	@	18
do smoked ₱ 100	—	@	
Tomcod		@	1 00
Sardines, fresh	15	@	18
Solefish	—	@	8
Crabs large ₱ doz	—	@	1
do small	—	@	25
do soft	—	@	50
Terrapin, ₱ doz	4 00	@	5 00
Mackerel, pickled, each	—	@	—
do fresh	—	@	10
Shrimps, ₱ lb	—	@	18
Flounders		@	
Sea Bass	—	@	75
Halibut, rare	—	@	4
Sturgeon	100	@	1 25
Oysters, ₱	10	@	12
Lobsters, ₱ lb		@	50
Turbut			

Meats.

(Leopold Miller.)

Meats.—The solid food is in abundance, yet not so fine as in cooler weather. Beef, Mutton, Lamb, Veal, etc., are in good demand, and prices remain the same as last week in the retail line.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	10	@	12
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	15	@	18
do cutlet	—	@	18
Mutton, chops, ₱ lb	10	@	12
do leg	—	@	10
Lamb, ₱ lb	12	@	15
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

Poultry and Game.

Game and Poultry.—Now, soon, Venison steaks will be the epicure's dish. Chickens and other Poultry are scarce and command high rates. Other articles under this head remain about the same.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back	—	@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese wild, ₱ each	2 50	@	3 00
do tame	75	@	1 00
Chickens, Young, each	30	@	35
Turkeys, ₱ lb	1 00	@	1 25
Hens, each	1 50	@	2 00
Snipe, ₱ doz	—	@	3 50
do English		@	—
Venison, ₱ lb		@	
Quails, ₱ doz		@	4 00
Pigeons, domestic, ₱ doz		@	
do wild	40	@	50
Hares, each	—	@	50
Rabbits, tame	—	@	1 50
do wild, per doz	25	@	50
Squirrel, ₱ pair			

Poultry and Game—Wholesale Prices.

Hens, ₱ doz	10 00	@	12 00
Spring Chickens	6 00	@	8 00
Turkeys, ₱ lb	26	@	28
Ducks, tame, per doz	7 00	@	10 00
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz	—	@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

Dairy—Butter, Cheese, Eggs etc.

Butter and Cheese.—Very little variation since our last. Some *Eastern Butter* has come over the *Railroad* to meet the high rates here for that article.

Bacon and Hams are the same. The celebrated *sugar cured* command high rates. Messrs. M. B. French & Co. in the California Market, always have the best, as well as the famous Dairies of Butter and Cheese. They are large dealers, wholesale and retail.

(M. B. French & Co.)

Butter, California, ₱ lb (Fresh)	45	@	50
do do packed	—	@	—
do Oregon packed	—	@	40
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	45
Farralone Eggs, ₱ doz	—	@	40
Cheese, ₱ lb	—	@	25
Lard, California	—	@	20
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

Butter, Cheese, etc.—Wholesale

Butter, California, ₱ lb	32½	@	37½
do do packed	—	@	—
do Eastern (new)	32	@	35
Cheese, California	15	@	17
Eggs, ₱ doz	—	@	40
Farralone Eggs, ₱ doz	—	@	30
Lard, ₱ lb	—	@	16

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller & Co.

BEEF—American, 1st quality, 9 @ 10c ₱ lb
do. 2d do. 8 @ 9c.
MUTTON—6@8 ₱ lb. LAMB— 9@10c.
PORK—undressed, —7@10c; dressed, 11@12c.
VEAL—10@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 50	@	1 75
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

Wool, Tallow, Hides etc.

Wool, spring clip	15@18
do extra	18@20
Medium	15@18
do burry	10@12
Wool-sacks, new	80@1 00
do second-hand	40c@50
Dry hides, ₱ lb	16@17
Green salted, ₱ lb	7½@8
Sheep skins, wool on	40@50
do do plain	15@30
Goat skins, each	40@60
Refined Tallow	9¼@9¾

GOLDEN EAGLE HOTEL.

Corner Seventh and K streets, SACRAMENTO.

THIS HOTEL IS OFFERED TO THE PUBLIC AS a "Home for Families," and for the Traveler.

The Proprietor has spared neither expense or care to make his Hotel one that shall always be acceptable and pleasant to all that may favor him with a call.

With ample accommodations by means of spacious Suites of Rooms for Families, and by recent enlarged accommodations, he is confident that visitors will always be satisfied and feel at Home.

Particular attention will always be paid to the comfortableness of the apartments, by well ventilated Rooms, clean Beds and Bedding, and strict attention to the wants of Boarders; while the TABLES will be provided with the very best the season affords.

CARRIAGES, to and from the Hotel to the Railroad Cars and Steamers, at all times, Free of Charge to the Patrons of the Hotel. Hotel open all night.

☞ Connected with the Hotel is a Fire-proof STABLE expressly for the care of Horses and Carriages of the Patrons of the House.

D. E. CALLAHAN, PROPRIETOR

SPLENDID CASHMERE GOATS

We Invite the attention of all who desire to purchase PURE BLOOD Cashmere Goats, to call or advise with us.

We have a List of the SPLENDID GOATS Imported by Hon. I. S. Diehl from Asia, and having been appointed to act for him, we are now ready to take orders for the same.

As the value of this fleece is now steadily increasing in demand, we shall soon have Mills for the manufacture of the same.

Address EDITOR FARMER.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS

Leave Wharf corner First and Brannan streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting, via Panama Railroad, with one of the Company's splendid steamers from Aspinwall for New York:

On the 6th, 14th 22d and 30th of each month.

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for St. Nazaire, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with English steamer for Southampton Australia and South America, and P. R. R. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched on dates as given below:

STEAMERS FOR JULY

The following Steamships will be dispatched on dates as given below.

July 9—GOLDEN CITY, Capt. Wm. F. Lapidge, connecting with ALASKA, Capt. Gray.

July 17—MONTANA, Capt. E. S. Farnsworth connecting with HENRY CHAUNCY, Capt. Conner.

July 30—COLORADO, Capt. W. H. Parker, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked through—100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board before 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard," "Inman" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be obtained orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—if desired an amount of £10 to £20 will be advanced with the above orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way ports, apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship GREAT REPUBLIC, Capt. S. Doane will be dispatched on Saturday, October 3rd, at 12 o'clock noon, from wharf corner of First and Brannan streets, for YOKOHAMA and HONGKONG, connecting with the steamship COSTA RICA, for SHANGHAE.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sacramento and Leidesdorff streets.

se1 OLIVER ELDRIDGE, Agent.

THE GREAT OVERLAND RAIL ROUTE,

VIA

CENTRAL PACIFIC RAILROAD

OF CALIFORNIA.

THROUGH FREIGHT AND TICKET OFFICE;

No. 415 CALIFORNIA STREET,

(HAYWARD'S BUILDING,)

SAN FRANCISCO.

TICKETS SOLD, SLEEPING-CAR BERTHS secured, Freight rates and other information given upon application at this office.

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THROUGH TIME (EASTWARD,)

JUNE, 1869.

Trains Run Daily.	Dis.	Time.	Running Time.
Sacramento, leave	....	6:30..A. M.	.....
Promontory, arrive	690	9:55..P. M.	1 day 15¼ hours
Promontory, leave	....	10:30.. ..	.....
Omaha, arrive	1774	1:30..A. M.	4 days, 3 hours
Council Bluffs leave	....	11:00.. ..	.....
Chicago, arrive	2288	1:30..P. M.	5 days, 7 hours
Chicago, leave	....	5:15.. ..	.....
New York, arrive	3167	6:30.. ..	SEVEN DAYS.
Council Bluffs, leave	....	10:00..A. M.	.....
St. Louis, arrive	2214	11:30.. ..	5 days, 5 hours

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San Francisco to Promontory (Coin)		$ 50 00
.....	Omaha (currency)	133 00
.....	St Louis (currency)	153 00
.....	Chicago (currency)	153 00
.....	Cincinnati (currency)	166 50
.....	Niagara Falls (currency)	170 50
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Children NOT over Twelve (12) years of age Half Fare, under Five (5) years of age, Free.

100 pounds Baggage (per passenger) Free.

☞ For Tickets and other information, apply at the Company's Offices.

C. CROCKER, General Superintendent

T. H. GOODMAN, General Freight and Ticket Agent.
June 21st, 1869. 31-22

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL.

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings, Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m.

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, AND INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from the Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Gardens Corner of Mason and Pacific Street*, in this city, or address EDITOR FARMER.

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive any other than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues. Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered, and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take no Vermifuge or Liver Pills, unless you are sure you are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S CELEBRATED LIVER PILLS,

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual. That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use, will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effects.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the power of the Stomach, Bowels, Brain, and the whole Nervous System, should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has also a close connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Stomach, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes taken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful impression of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts everything. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use. The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are taking to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and lie ever quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous kinds of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, ridiculous in other respects, but which entirely fails in consequence of worms being overlooked. And even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed and with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an arcus senilis circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or frothy tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a craving sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowe s irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough; cough sometimes dry and convulsive; uneasy and disturbed sleep, wi grinding of the teeth; temper variable, but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual, providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause. In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, give a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: DR. McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills or Vermifuge on receipt of forty cents in Government Stamps.

CALIFORNIA FARMER AND JOURNAL OF USEFUL SCIENCES.

VOLUME XXXI. SAN FRANCISCO, CALIFORNIA: THURSDAY EVENING, JULY 15, 1869. NUMBER 24.

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SAN FRANCISCO.

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Eastern Correspondence.

SILK CULTURE IN GEORGIA.

San Jose, July 7th., 1869.

...WARREN, Editor Farmer—*Dear Sir:*

...have received a letter from Georgia, which I ...close to you here, as it concerns you also. You ...do what you think proper with it. If you ...like it, all right, I will see it; if not, send it ...back to me to enable me to answer it. That letter ...contains the most important information for our ...State and country. The complete success of Mrs. ...Perry would demonstrate that Georgia, if properly ...managed, as they have already plenty of food, ...would make another Silk State. This deserves ...a little attention from all those who have the ...prosperity of the country at heart. Please excuse ...me if the time don't allow me to write any more. ...I will soon have the particulars about *Silk* ...City that is now located on the best soil and cli...mate, with any amount of water to irrigate if nec...essary, water power for machinery, etc. I am ...starting again for Los Angeles by steamer next ...Saturday. Yours, most truly,

L. Prevost.

La Grange, Georgia, June 18th., 1869.

...LEWIS PREVOST, San Jose, Cal.:

...Having obtained a few eggs of the Silk Worm ...*Bombyx Mori*, last Spring, my wife undertook to ...raise a crop as an experiment of the success of ...silk culture in this locality, and she was so suc...cessful, and became so much interested that she ...availed herself of every opportunity to give ...all the information within her reach in any way ...relating to the subject.

...In examining the various annual reports issued ...by the Commissioners of Agriculture from the ...patent office at Washington City, frequent refer...ence was made to your name, your silk-growers ...manual, and extraordinary success in the busi...ness.

...I wrote to the Patent office for your address, ...and to know where your Manual could be obtain...ed. In reply, Col. Capron sent me a copy of the ...edition of 1867, for which you will please accept ...sincere thanks, as it contains much of the de...sired information we were greatly in need of; and ...permit me to request, if you have written anything ...on the subject since, to inform me how and where ...I can obtain it. I request you will send me a number ...of the California Farmer, in which your articles ...seem to be last published, as I desire to subscribe ...for it, and do not know the address and price. ...Mr. M's eggs batched out five thousand worms, ...and succeeded in rearing all of them, except 25 ...which were accidentally killed—two of them by ...being washed, and the rest by ants and spiders ...getting upon the mulberry leaves, and that too ...without any special provision for them, other ...than could be furnished by loose plants laid up...on shelves in an upper room in our dwelling-house.

...They were fed upon the leaves and limbs of the *Morus Multicaulis*, and the *Morus Nigra*, as could be most readily obtained from the surrounding fields and forests, there being not a single mul...berry tree or shrub upon my premises. The *Mor...us Multicaulis* was introduced into this country about thirty years ago, when the Silk worm fever ...raged in this country. It was then planted ex...tensively throughout the South, and has continued to grow in fence corners and sides of ditches in spite of efforts to exterminate it. The *Morus Nigra* is indigenous to our forests here, and I think, from your description of the *Morus Moretti*, that one of our neighbors has one of that kind growing in her yard. Certainly, not even California can produce the Mulberry more luxuriantly and thriftily than it grows here.

I would like, however, to procure cuttings from your *Morus Moretti* and *Morus Alba* also, as I may be mistaken as to the *Moretti* in my neighbor's yard.

Parties in this State, having been raising the Silk worm in small quantities for a number of years, and manufactured the silk into domestic articles, sent us gloves, hose, sewing silk, and fishing lines, &c.; none of them with the remotest view of raising it for commerce. The older inhabitants, those who remember the disastrous *Bubble* of thirty years ago, are disposed to ridicule, and hold in derision the very idea of Silk Culture and the planting of Mulberry Orchards, and refer to it as a great humbug and folly. Yet, those who have continued to raise it on a small scale, as above referred to, have never had any disease among their Worms, or found any trouble in raising them.

I am fully pursuaded that if it could only be inaugurated, and the people induced to take hold of it, it would be a succes and a very profitable business. Lands are very cheap. The Mulberry—all species of it—grows thriftily. We have an abundant amount of labor which could be employed at very reasoneble prices for that light occupation, and it requires but small capital or outlay.

I enclose to you a few specimens of my eggs and Cocoons. The former may not possibly reach you in this letter without hatching. If, however, you should desire it, I will send you other specimens in a tin box or tube next winter. I would like to send specimens of my Eggs to Europe, if I had the address of parties there, who would be interested in receiving and testing them; also, through what channel they can be safely sent, and how put up for exportation.

You will excuse my addressing this communication to you, a stranger; but was induced to do so from the extreme interest I feel in Silk Culture in the United States. I am, very respectfully, yours,

C. W. Mabry.

SUCCESS OF CALIFORNIA SILK-WORM EGGS IN EUROPE.

[We give the following very interesting and valuable letter from Messrs. Hentsch & Berton, Bankers, of this city, relative to the Silk Worms' Eggs sent from our State to Europe last year. This report must be gratifying to all who wish the prosperity of California and its producing interests.

Messrs. Hentsch & Berton have shown a very magnanimous spirit in thus stepping forward at the first moment, to encourage this Enterprise, and our whole State owe them a debt of gratitude for their liberality.]

Editor of the California Farmer—*Dear Sir:*

We received from France the following letter in relation to the California Silk-worms' Eggs we forwarded last year:

"The hatching has been perfect. They passed triumphiantly through all the phases of the education. The climbing was admirable. The Cocoons are of a nice shape and of a beautiful yellow.

We have not seen, during the education, a small worm, a flat one, neither a greasy one, nor a dead black one, as it could be seen twenty years ago, during our fine educations of that time, and of which pollute the yellow breed of to-day.

I would say even more. That is the robust constitution of those Eggs, and consequently of its worms is such that the Chrysalis, which I have examined after the opening of the Cocoon, has but slight traces of the malady, which all the imported Eggs, even the most healthy, contract in our country by the feeding."

We believe the above will be important for California, and although our exportation of Eggs last year was not profitable to our pecuniary interest, we are happy to have been the instrument to making those Eggs known in France, Switzerland and Italy. We think our young State will profit by it. We remain, dear Sir, yours, truly,

Hentsch & Berton.

THE TULARE RAILROAD.

We are glad to learn that the Stocktonians are waking up to the true interests of Railroads.

The Board of Supervisors have passed a Resolution to appropriate $300,000 City Bonds for the building of the Railroad, subject to the decision of the Voters of that city and county, and approval of the Legislature.

This is right, and it is to be hoped it will be bravely approved of by the people. Let the Farmers and Mechanics all vote *Yes*, and their interests will be improved *Twenty-five per cent* when the Vote shall be declared, Railroad confirmed.

INQUIRIES ABOUT CHEESE MAKING.

Oneida Co., N. Y., June 28th, 1869.

To the Editor of the California Farmer—*Sir:*

Having a desire to see your paper, will you please send me a number or two as sample.

Yours, H. P. G.

P. S.—I am a practical cheese-maker; have had five years' experience in a factory. Is cheese-making much carried on in California, and what time do they begin with their Dairies? I presume some time in the fall of the year—about which months I know there are some large Butter Dairies in California. Do you suppose that a man could hire a Dairy of Cows, or part of a Dairy, for the purpose of making the milk into cheese; or do you suppose the milk could be bought at a stated price per gallon? What, in your opinion, do you think the milk could be had for per gallon or pound, fifty or one hundred miles back, or anywhere on the butter-ranch.

Enclosed you will find stamp. If your time is not too much occupied, will you please answer these few questions, as my mind is set that way?

H. P. G.

REPLY.

We publish this letter, though a private one, to show how little is known of California resources even in the leading counties of New York—this should not be so. We gladly reply, and would inform our correspondent that Cheese-making is carried on in this State, quite extensively in many places; and we are glad to inform him that our Clear Lake Cheese commands a higher price than even the best Dairies of New York. The The Cheese-making is carried on here as in other States. We presume the writer can make good arrangements for himself, should he come to California, either in securing a situation to profit, or procuring milk in quantities, or stock for a farm.

We send a parcel of Farmers for Free Distribution in that region.

CROPS IN THE BRITISH COLONIES.

We give the following items from our Correspondent's Circular to us of June 18th—Messrs. S W. Silver & Co—which shows the prospects of Crops in those regions, and will have some bearing upon our markets here.

Victoria, Melbourne, April 26th, 1869.—The drought has entirely broken up, and genial rains have set in throughout the country. As the weather still continues mild the grass is springing up everywhere, and there is promise of plenty of pasture for stock throughout the winter. Plowing is now being proceeded with, and the crops for the ensuing season are being very generally got into the ground. The rains have given an impulse to the demand for farm labor which has not been sufficiently responded to. Wages are consequently higher than they have been for the last two months. There is also a good demand for general labor, and building still goes on with undiminished activity.

New South Wales, Sydney, April 23rd, 1869.—Rain has fallen abundantly throughout the Colony unattended by floods.

South Australia, Adelaide, April 27th, 1869.—The weather has been fine, interrupted by a few showery days. Farming operations are being proceeded with vigorously. Exports of wheat and flour to 17th inst. have been 13,093 tuns of flour, and 116,815 qrs. of wheat, which at 45 bushelf of wheat to the tun equals 33,860 tuns of wheat and flour.

Queensland, Brisbane, April 19th, 1869.—Trade has been quiet, buyers supplying immediate wants only. Heavy rains have been general throughout the Colony, very little has consequently been done in the cotton fields, the weather however has now cleared up and picking will be actively prosecuted.

New Zealand, Canterbury, April 13th, 1869.—Government has offered a reward of £1000 for the first 100 tuns of sugar made from beet-root in the province.

Deep and Shallow Drainage.—I observe that after a dry summer, the fields drained five feet deep at thirty and forty feet apart, in stiff clay, do not discharge water through the drains so early in the season as those of thirty inches deep, at closer intervals. The reason appears to me to be obvious; the sixty inch drains take the surplus water from 6,000 tuns of earth, while the thirty-inch drains only lay dry 3,000 tuns. It is easy, therefore, to understand that when the autumnal rains come, the 6,000 tuns take longer to supersaturate than the 3,000 tuns. The deep drained lands had only commenced running to day (Jan. 8th) after the recent heavy rains. Are not those extra 3,000 tuns more available for the roots of plants than the same quantity undrained under the thirty-inch drains? for the roots of plants descend several feet. P. S.—One inch deep of earth gives over 100 tuns per acre.—*Louisville (Ky.) Courier-Journal.*

—There are over 2000 varieties of peas, but only seventy or eighty that are considered truly valuable.

NEW METHOD OF PRESERVING FRUIT.

Mr. Charles B. Rees, of this city, has perfected an apparatus for preserving fruit, by the aid of ice, which promises to be of great value to pomologists, and also to dealers in fruit. Mr. Ress has for many years been employed as superintendent of a large ice company, and was engaged, during the war, in packing meat and food for the Southern Atlantic fleet and Gulf squadron, during which time many experiments were tried, under the direction of scientific men, in the construction of ice-chambers.

Out of this experience was developed a method of cooling a fruit room, by the aid of ice, to a very low degree of temperature; obtaining, at the same time, perfect dryness of the atmosphere, without any artificial absorbent or dryer. This is all done upon philosophical principles by the aid of apparatus which removes every particle of moisture to such an extreme degree that when the bare wet ice is fully exposed to the air of the fruit room, the doors will shrink as if exposed to hot air, and the floor becomes so dry that a match may be readily ignited by rubbing it upon the boards.

The apparatus requires no power to work it, and but little attention. That this invention is a perfectly practical one is proved by the fact that more than a dozen fruit and meat rooms of this description have been in successful operation for more than one year in the market houses and principal fruit stores of Philadelphia, and they are I believe, the only successful ones, of this character, in the country.

The principle of cooling and drying the air, invented by Mr. Rees, has also been applied to the brewing of ale, in hot weather, and to the packing and curing of pork in summer, with entire success. Two of the largest breweries in Philadelphia have their brewery rooms and ale vaults cooled in this manner, with great satisfaction and advantage.—One of these breweries is that of Collins & Massay, Tenth and Filbert streets.

The apparatus can be applied to large or small rooms, or even closets and refrigerators, with equal ease and success, and from the very nature of things—as it is based upon the strictest natural laws—it is the only plan that can produce a perfectly dry atmosphere, without introducing fresh air into the chamber, or using an artificial absorbent.

Fruit in a state of moist decay, on being put into this fruit room, directly become dried in such a degree that all the moisture upon the decaying spots disappears, and the spots themselves become covered with a dried pelliole, like court-plaster, and the rot ceases. The drying, however, is not such as to produce shrivelling in apples and pears, for the reason that only the external moisture is removed, and the interior flesh of the fruit remains unchanged.

In this connection, we may demonstrate the fallacy of the common idea, that fruit, just gathered from the tree, must undergo a process of sweating before it is fit to be put into the cellar or fruit room. The simple truth is, that fruit which has been cooled by any means will always sweat when it is brought into a warm atmosphere, not because the juice passes out of it, but because the moisture in hot air always condenses on a cold surface.—The process of sweating in apples may be repeated a hundred times, by cooling the fruit in a cellar, and then bringing it suddenly into a heated room.

Mr. Rees, the inventor of this new fruit room, proposes to superintend the construction of houses himself, and, being a plain, practical man, is disposed to labor in this work for a very moderate compensation.—*By J. S. Houghton, in Gardener's Monthly, Phila.*

To Destroy Small Flies in Orchards.—Little fires in gardens or orchards, at early twilight, burning five, ten or fifteen minutes, will attract or consume perfect swarms of all sorts of insects, and more directly save fruit than anything else.—Lightwood obtained and split fine beforehand, enough for the whole season, or flat bottomed tin lamps, like those of the campaign torches, will be money at one hundred per cent in every man's pocket who owns either garden or orchard. And picking up and burning or boiling all fallen fruit, will make two or three hundred to one less insects the following year.

Exercise.—Exercise which is most agreeable is usually the most beneficial. In selecting methods of exercise, every individual should beguided by his own individual tastes. It is better to change frequently from one exercise to another. It is well even to consult our whims and our varying moods. Above all things, we should strive to prevent our exercise from becoming a dry, hard, mechanical routine. The heart should go with the muscles.

—If a screw is rusted into wood, or there is a nut or bolt that will not readily turn, a little kerosene oil should be poured on it and allowed to remain. In a little while the oil will penetrate the interstices, so that the screw, nut, or bolt can be easily moved.

GEORGE HUDSON.

At the meeting of the Wear Commission June 2d, Mr. Hugh Taylor and Mr. Elliot, with characteristic kindness, drew attention to the forlorn and distressed condition of Mr. Geo. Hudson. The quondam Railway King is old, exiled and destitute. Age and want are confessedly an ill matched pair, and with both, Mr. Hudson has been called to grapple. The conflict is equally dreary and hopeless. Need we wonder that the heavy-laden wayfarer has grown moody and despondent? At 69 the elasticity of spirit which triumphs over adversity is gone. Few lives present such strongly marked contrasts as the life of Geo. Hudson. At the beginning of our railway system we find him a modest draper, doing a quiet business in the cathedral city of York, with nothing to distinguish him from the rank and file of shopkeepers. But with the invention of the locomotive and the creation of railways, golden visions rose on the path of those courageous enough to speculate in scrip. Railways became the passion of the hour, and the York draper was bitten by the mania. Mr. Hudson risked all and was successful. Stimulated by success, he played again, and again fortune proved propitious. His name became an authority on railway speculation, and the confidence reposed in him was unbounded. For a time the entire railway system of the north of England seemed under his control. What herculean energy was in the man may be gathered from a couple of days work. Under Mr. Hudson's direction, on the 2d of May, 1845, the shareholders of the Midland company gave their approval to 26 bills, which were immediately introduced into parliament On Monday following, at 10 o'clock, the York & North Midland sanctioned six bills, and affirmed various deeds and agreements affecting the Manchester & Leeds and Hull & Selby companies. Fifteen minutes later he induced the Newcastle & Darlington company to approve of seven bills and accompanying agreements; and at half-past 10 took his seat as a controlling power at the board of the Newcastle & Berwick. In fine, during those two days, he obtained the approval of 40 bills, involving the expenditure of about £10,000,000. For some three years, matters went bravely on, each succeeding day being a witness of greater wonders than its predecessor, until ultimately the whisper of detraction arose, a "Committee of Investigation" was appointed, and Mr. Hudson accused of appropriating £184,204 of the Newcastle & Berwick Railway Company's money to his own use. When subsequently this claim was compromised, we do not marvel that Mr. Hudson asked the shareholders "To review these transactions with some remembrance of the excited period in which they occurred, and the multiplicity of the concerns which he had to superintend." Admidst the mad whirl of excitement there was no leisure for reflection. In vain had sensible men counselled caution; sensible men were at a discount, and their counsel esteemed foolishness. Prudence was timidity, and those that remained outside the circle of gamblers in scrip were pronounced unable to keep pace with an age of progress. It was in the mid-noon of this mania that George Hudson's crimes were committed. The deference of compeers had constituted him the Autocrat of the Rail. He was believed to possess the secret of fortune-making, and wherever he appeared a crowd of sycophants were at his heels, grandees of England graced his levees, and the prospect of a peerage presented itself as among the possibilities of the future.

Was it wonderful that admidst this adulation George Hudson's head grew giddy, or that confidence in his star tempted to courses which wrecked his fortune? From the day that the petition of the Eastern Counties Railway Company charging Mr. Hudson with tampering with the share list was presented to Parliament, his course has been downward. The point he has now reached exhibits a depth of humiliation that might satisfy the most relentless detractor. All who have seen Mr. Hudson recently give the same dolorous report of his condition. The object of the subscription now so generously inaugerated is to shed a gleam of sunshine on the closing hours of a life tragic in vicissitude. It is twenty years since the glory of the Railway King began to wane. The splendor was evanescent, the gloom has been protracted. It is perhaps well that it has been so. Our age requires to be taught that industry is the only royal road to wealth; the notion that gambling in scrip is legitimate business cannot be too sternly rebuked. Unfortunately in this matter George Hudson has not been a solitary transgressor. He sinned in good company. Thousands have followed in the same path, though probably few have been overtaken by such terrible retribution. It is a knowledge of how much Mr. Hudson has suffered that prompted Mr. Taylor and Mr. Elliot to interpose their good offices in his behalf. The past is fading into the mild moonlight of memory, and animosity giving place to mercy. In this relenting mood enough will be obtained from the liberality of the North to give Mr. Hudson the respectable annuity to which Mr. Elliot points.—*Newcastle (Eng.) Chronicle.*

Agriculture.

JAPAN CLOVER.

William F. Beasley, of Greenboro, N. C., writes to the *Home Journal* the following account of the Japan Clover, which is spreading itself over that State: A recent trip to the western part of this State enables me to place at your disposal a specimen of Japan Clover and a few facts pertaining to its characteristics, locality, &c. I found that this plant was very generally scattered over all of the counties west of Salisbury, and was told that it was spreading in every direction; wherever it takes hold all other grasses surrender the ground, and it soon becomes entire master of the situation. It seems to care very little for soils, for I saw it growing luxuriantly in many places that a glance convinced me were entirely devoid of substance, as for instance, in old roads that had been traveled fifty and sixty years and had been enclosed because a nearer road had been provided. In badly washed gullies too I witnessed it flourishing and healthy. Many farmers are planting it for the purpose of preventing their lands from washing. Several farmers informed me that they were somewhat fearful that it would eventually become so general that it would destroy their timothy and other more useful stock grasses, but this fear is rather slightly founded, because the Japan is far smaller and, I think, less strong than either timothy, white or red clover, but time alone can solve the question.

The stock of every kind are very fond of it and fatten very quickly while feeding on it. Its appearance in this State is surrounded with mystery, and while many conjectures are afloat concerning its origin, &c., I consider none of them worthy of notice. An aged farmer remarked to me that he believed "God had sent it to keep the stock from starving during the reconstruction of our labor." One thing is certain concerning its appearance, that is the date of its arrival. It was first noticed in 1861, and since then it has been marching in every direction and, in my opinion, will soon spread over the entire State. It seems to flourish more abundantly in the shade than in the sun, and therefore it promises to become a fine woods' pasture grass. I wish I was sufficiently posted to furnish you for publication with a detailed account of this mysterious and valuable addition to our stock stores, but I am not, and must, therefore, beg you will be satisfied with this slight and imperfect communication.—*Michigan Farmer.*

CARE OF MILK VESSELS.

In an article of the *Ohio Farmer*, written by a cheese factory man, we find the following suggestions on washing cans, which are equally applicable to pans and other dishes in which milk is kept:

When a can is to be washed, do not put hot water in it at first, but put in water not above milk warm, which will readily dissolve the milk if any is dried on to the tin, and it works off very easily; while if hot water is applied at first, it has a tendency to cook the milk on the tin, in which condition water will not very readily dissolve it, but warm milk will. It is, therefore, very important to give strict heed to this matter, and see that the milk is thoroughly removed by washing before any boiling hot water is applied. Care must be taken to remove every vestage of the milk about the seams of the cans and covers, as here is where the trouble always begins. My attention is always directed to the seams first, if I suspect a can is not properly cleaned, especially the seams in the cover. The little tube in the center of the cover is also a place to be especially looked after in cleaning the can.

Very many people who consider themselves, and are considered by others, patterns of neatness, fail to keep their milk cans perfectly cleansed; many times no doubt through ignorance of how to do it, and many times from a lack of appreciation of the extreme neatness of that scrupulous care necessary to keep everything used about milk *immediately* clean.

ABOUT BEES.—The present season in Southern Utah has been very unpropitious for the increase of Bees. The usual early rains, that produce spring flowers, being withheld, the early working-stock of bee industry was missing. As season advanced the second suit of flowers for bee-feed was so poisoned by the grasshoppers that several swarms died of starvation, and others made a bare living, whilst some took weeks of feeding. Since the hoppers left, new flowers have sprung out and these industrious insects are working very lively; but there has been an almost entire failure of prolific. In fact we have heard of but two or three new swarms having come out this season; and whether they may yet come out is a problem to be solved by the future. We doubt, however, if we enjoy much increase, save it be of honey the present year.

WATERING PEACH TREES.—We seem to have a hallucination, a fever that nothing but large doses of water will quench. We cry for water when more trees and plants are killed by water than by drought. Our observations, for three years, result in the conclusion that the excellence of our peach crop is nearly lost, by overdoses of water, soaking and entirely permeating the soil, and the lack of the hoe and plow.

If our peach orchards are well tilled, as they should be, they will not require water oftener than once in three or four weeks to get the best results —*Eastern Exchange.*

TO THE

FARMERS' OF CALIFORNIA.

It is of the HIGHEST IMPORTANCE for you to know who has the BEST and most IMPROVED HARVESTING MACHINES for 1869:

With the present indications arising from the Knowledge of Large Land Sales to Farmers, many of them new comers to our shores, and from the assurance we have of a Successful Planting Season, reason of abundant rains, we know that the acre-age will nearly if not quite double the amount of 1868, while the better system of tillage will fully double the crop in quantity.

WEBSTER BROTHERS'

PIONEER WAREHOUSE,

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA,

Offer the present year the following

New and Improved Harvesters, viz:

The World-Renowned, 1st Premium, Gold Medal,

PERRY MOWER.

For Simplicity and effectiveness it is the *Ne Plus Ultra* of all Mowing Machines, working with great ease, almost noiseless, and with little or no friction, consequently with sure speed. It has invariably taken the 1st Premium, from the Exposition at Paris to all the State and County Fairs whenever exhibited.

THE BUCKEYE.

This is a well-known Standard Mower. So well known as not to require any special notice by us. We warrant it to be Superior to any other Mower now offered for sale in this State.

HEADERS--WITH NEW IMPROVEMENTS.

Our Headers combine all the latest and best Improvements known among the late inventions. Many of these Improvements belong exclusively to Webster Brothers. Our Headers, of different sizes, will cut from 10 to 24 feet. Draper's from 30 to 40 inches wide. The Gearings used are either the Double, or "Haine's Gearing," or the Single "Farmer's" Gearing. The Single-Geared Headers are recommended for their simplicity and the ease with which they can be kept in order. Price from $200 to $400.

HEADER WAGONS.

We have these Wagons so constructed that after the Harvest Season is over, they can be used on the Farm for all the ordinary purposes of Farming. They will be sold at the low price of $125. Also Ordinary Header Wagons, from $40 to $90.

THRESHING MACHINES.

We have them with all the latest improvements. We would specially name the Steel Laid Cylinder, and Concave Teeth; a perfect *Self-Feeder* and *Self-Measurer*, is attached to each machine if desired, thus saving $300 in labor each season. These Threshing Machines will be the most perfect Implement ever yet produced to aid our Grain raisers. Price from $500 to $1000.

STEAM-ENGINES, HORSE-POWERS, AND IMPROVEMENTS.

These Powers combine several new and valuable improvements, not found in any other style of power save those sold by us.

BURT'S SELF-ADJUSTING HO SE-RAKE.

The above are the Principal Implements to which we wish to call the particular attention of the Grain Growers of our State.

We shall have also in addition to the above, one of the most Complete Assortments of

HARVESTING IMPLEMENTS

ever yet introduced on this coast.

We have also

Hardware and Garden Tools,

together with all kinds of

Garden Seeds.

WE SHALL SOON SEND CIRCULARS TO OUR PATRONS WITH FULL PARTICULARS

Farmers, send to us, and buy only the NEW and IMPROVED MACHINERY, and not be induced by any *Sophistry* to buy *old* and *by gone* Implements, but keep up with the "Progressive Spirit of the Age."

WEBSTER BROTHERS'

Pioneer Agricultural Warerooms,

30-24. **STOCKTON, SAN JOAQUIN COUNTY.**

New Advertisements.

FARMERS ATTENTION,

HAWLEY & CO.,

AT THE OLD STAND, CORNER OF

CALIFORNIA & BATTERY STREETS,

SAN FRANCISCO

—:o:—

THE CELEBRATED PREMIUM

CLIPPER MOWER!

"The Best Mower in the World!"

SEND FOR CIRCULARS

The Clipper Mower for 1869 is an embodiment of a larger number of substantial requisites necessary to a perfect Machine, than can be found in any other Mower and Reapers yet offered to Farmers of California, for the following reasons:

1st. Superiority of workmanship, and material used.
2d. High Wheel with wrought-iron spokes.
3d Rolling Finger, Bar and Forward Cub.
4th Patent Draft Attachment.

These are a few of the important features of the Clipper. It has taken the First Premiums in all trials in the Atlantic and Western States for 1869. We invite the attention of Farmers to the Clipper, feeling confident that they will be convinced of its superiority over any other Mower in the World. We have also for sale the Celebrated

WOOD'S

SELF-RAKING REAPER.

This Machine stands at Front of all Reapers in this country. It cuts a swarth 5½ feet in width, and will reap from 15 to 20 acres per day. Farmers in want of a good Reaper only, can save money by purchasing one of these. Also the CAYUGA CHIEF COMBINATION REAPER AND MOWER, too well known to need any elaborate description here.

—ALSO THE—

MARSH HARVESTER!

AUBURN HARVESTER,

SWEEPSTAKES

AND

VIBRATOR THRESHER

WHELER & MELICKS'

Two Horse Power and Separator,

HAINES' IMPROVED HEADERS,

HEADER WAGONS.

A full assortment of Agricultural Implements, and General Hardware, for sale by

HAWLEY & CO.

Stand, Cor of California and Battery Sts.,
SAN FRANCISCO.

TRUE'S

IMPROVED

POTATO PLANTER.

This is, undoubtedly, one of the most valuable Machines adapted to Agricultural purposes ever introduced.

It Saves the Labor of 12 Men in Planting Time.

Makes its own furrow, cuts the potato in such sized slices as the farmer may prefer; drops these pieces with the most perfect regularity, and covers them perfectly, and does all this as fast as a horse can walk over any ground that can be plowed

No intelligent farmer can fail to see that an implement with which one man can, with the aid of a horse plant six acres of potatos in a day, is of inestimable value; because the days in which PLANTING can properly be done are very few, while he has all SUMMER and FALL in which to cultivate and dig.

This distinguishes the POTATO PLANTER from all other machines. It affords its aid "in the very nick of time," and gives leisure to its owner for attending to his other spring work, which would otherwise either overwork him or be left undone.

The undersigned have the sale of this Grand Labor-Saving Implement for the Pacific Coast.

We shall also sell "County Rights" for this Implement, and a good Mechanic can make a fortune with it

Particulars and Catalogues can be had at our office.

WARREN & CO.,

320 Clay street, up stairs.

PACIFIC ANATOMICAL MUSEUM,

....AND....

GALLERY OF NATURAL HISTORY AND SCIENCE,
Eureka Theatre, Montgomery Street.

This truly elaborate and magnificent collection of all that is strange, wonderful and curious in SCIENCE, NATURAL HISTORY, AND ART, is now open to the public.

Extensive embellishments and improvements have been made. The additions will include an immense collection in BOTANY, ICTHYOLOGY, and ENTOMOLOGY.

COMPARATIVE, FLORAL, AND BOTANICAL ANATOMY will be largely illustrated, and form a leading feature of the institution. Every exertion has been used to render this superb collection the most INSTRUCTIVE, AGREEABLE, and USEFUL IN THE WORLD.

INSECT AND ANIMAL LIFE will be beautifully displayed and the celebrated Du Chaillu GORILLA which was exhibited ALIVE in Paris, has been added to the already vast collection of HUMAN AND COMPARATIVE ANATOMY.

Open daily from 9 A. M to 5 and 7 to 9 P. M. Sundays from 29x1

Choice Plants.

We offer, also, Large and Fine Plants of the American Aloe or CENTURY PLANT.

PAMPAS GRASS,
A Showy, Handsome and Graceful Ornamental Variety
JAPAN LILLIES,
Rare Kinds ROSES,
GERANIUMS,
HELIOTROPES,
FUCHIAS,

We have the true English Ivy, the ORIGINAL STOCK from the walls of "Windsor Castle," England, with all other desirable plants.

Send orders to

FARMER OFFICE

Miscellaneous.

ONE POUND

WILL YIELD

3,000 POUNDS

IN ONE SEASON.

BY PLANTING THE GENUINE

Early Rose Potato

BUY THE GENUINE FROM

GEO. A. DEITZ

(The Great Seed Wheat Farmer.)

Chambersburg, Pennsylvania

1 Pound Early Rose sent by Mail, postpaid, for
4 Pounds of Early Rose sent by Mail, postpaid, for
4 Pounds of Surprise Oats sent by Mail, postpaid, for
4 Pounds New Brunswick Oats, by Mail, for
4 Pounds of Swedish Oats by Mail, for
4 Pounds of Yellow Mammoth Corn, by Mail, for
4 Pounds of Yellow Gourd Seed Corn, by Mail, for
4 Pounds best three varieties of Sweet Corn for
4 Pounds of China Tea Spring Wheat, by Mail, for
4 Pounds of Black Sea Spring Wheat, by Mail, for
4 Pounds of Canada Club Spring Wheat, by Mail, for
4 Pounds of Hedgerow Spring Wheat, by Mail, for
4 Pounds of Rio Grande Spring Wheat, by Mail, for
4 Pounds of Scotch Fife Spring Wheat, by Mail, for
4 Pounds of Mammoth Bearded Spring Wheat, for
4 Pounds of Smooth-headed Spring Wheat, for
4 Pounds of White Hominy Corn, for
1 Pounds of Harrison Potatoes, by Mail for
1 Pounds of White Peach Blow Potatoes, by Mail, for
2 Pounds of Italian Grass Seed for
1 Pounds of Orchard Grass Seed, for
2 Pounds of Herd Grass Seed, for
1 Pound of Alsike or Swedish Clover Seed for
2 Pounds of Cow Grass or tall Clover Seed for
4 Pounds of Red Clover Seed, for
1 Pound of Egyptian seven-headed Wheat, for
Best Fodder Cutter at Chambersburg, for
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed, for
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed, for

☞Subscribe for the EXPERIMENTAL FARMER. Only $1.50 per year.

☞The money, in all cases, to accompany the order.

☞All orders filled promptly by GEO. A. DEITZ, Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seeds, Stock and Fowls are true to name and pure of the kind.

GEO. A. DEITZ
Chambersburg, Pa.

Having received the above Potatoes (THE EARLY ROSE) direct from the above House; and, also the SURPRISE OATS, we invite all who wish these desirable articles, in order to secure them for the *Planting* to call or send to our office at once.

ALSIKE CLOVER.—We have a small invoice of most valuable Clover; also, just received.

WARREN & CO.
FARMER Office

LINFORTH, KELLOG & RAIL,

(SUCCESSORS TO L. B. BENCHLEY & CO.)

No. 3 and 5 Front street near [illegible]

SAN FRANCISCO,

IMPORTERS

—AND—

JOBBERS

OF

AMERICAN, ENGLISH AND GERMAN

HARDWARE & CUTLERY,

Agricultural and Mining Tools

ROPE, STEEL, POWDER, FUSE, SHOT, LEAD, ETC.

Also, Manufacturers and Proprietors of the

GERRISH

Submerged and Double Acting

FORCE PUMPS

Patented by J. A. Merrill, [illegible] 29th, 1867.

THE CHEAPEST, SIMPLEST, AND MOST DURABLE PUMP IN THE WORLD.

☞Agents wanted for this Celebrated County Rights for sale.

30 63m

ADVERTISE IN SEASON.

A great number of advertisers neglect to advertise in due season, they are apt to wait until the very time comes when the articles they have to sell are wanted by those who have delayed to the last moment of time, but wise ones have purchased early and have had the choice and selection of a large stock, and have secured to themselves the very best by taking "time by the forelock," and those late advertisers loose a large amount of trade by this delay.

Agricultural Implements, Trees, Seeds, Fruits and all other goods should be advertised in advance of the season, so that purchasers may be advised and thus look after their wants before the day of use and hurry comes.

Early advertisers will always find their trade largely increased by giving attention to this matter, and particularly in everything appertaining to Agriculture and Horticulture.

Newspostors and handbills, however good they may be, can never take the place of advertising in the columns of a paper.

"Bread is the staff of life, and *Advertising* is the life of trade."

TYPE FOR SALE.

The Type which now prints the FARMER will be offered for sale, as we intend to put in NEW CALIFORNIA TYPE.

The quality of the Type can be seen by reading the FARMER. Any one wishing a font of Type again can have one by calling at once at the office, or addressing EDITOR FARMER.

ORANGE SEED

THOSE WHO WISH TO RAISE TREES FOR *ORANGE PLANTATION*,
Can obtain SUPERIOR SEED at the
FARMER OFFICE

Horticulture.

THE VINE IN EUROPE.

OBSERVATIONS BY AN AMERICAN VINE GROWER.

Letter Number Five.

IN PRUSSIA.

The vine was more rarely seen in Prussia pro- , and while it was not entirely lost, it was only good locations, on Southern and Eastern hill- that I saw it at all.

Wherever the vine was cultivated it was grown ually in the German method, and resembled ne vineyards planted by the Germans in Ohio Missouri, and some of the earlier vineyards Crooked Lake, New York.

The vine was planted together in rows not more as four feet apart, and frequently as thickly as ne or four feet in the row, and trained usually a single stake.

scarcely attained much height, and was usu- three, four, and in exceptional instances five high.

he vine itself was small and fragile, and exhib- nothing of that luxuriance of growth seen in the Tyrol, or in America.

bears apparently a similar relation to the grown here that a dwarf pear does to a dard, and must be considered on questions of are to have as much difference in all respects hose.

he only exceptions to the method of training pruning the vine in Prussia from that above ribed that I observed was in passing by river ugh Saxon Switzerland on one of the little boats that navigate the Elbe, in the vicinity resden.

e approaches by river to this city resemble much the Hudson. It is the scenery of the part of the latter river in miniature. The s are adorned with magnificent palaces, vil- nd country seats, with grounds beautified in most tasteful manner, while along all the , and down to the water's edge, and all along, en splendid vineyards that quite resemble in rrangement of the terraces and the training e vines upon trellises our better American ards, excepting only that the vine was small- d even of less luxuriant growth.

was not uncommon to see here terraces of olve construction sometimes faced with stone sometimes covered with sod, upon which the was planted in drills, four and five feet apart, rained upon trellises that were supported by s set regularly in the row of sufficient strength pport the trellis, and which was a permanent substantial structure. These trellises ran four, and sometimes five feet high, and were about the same distance apart; they were ised to the highest point, and in some in- s were attached and belonged to the estate an of wealth, and in no case in the hands or men or of the peasants, and were in this, all as in every other respect, exceptional to neyards of Prussia.

Prussia (and in speaking of that country I do clude Germany on the Rhine, which should nsidered separately, by reason of the impor- e of the culture in these sections) is so far it is hardly considered a wine growing ry in the sense of the term as applied to ce, Italy or the Rhine, still it grows consider- fruit.

t has more climate difficulties with which to end than the countries to the south of it, and neyards are more frequently injured by the s.

Their greatest dangers, in this regard, are the ts of Spring, in the months of April and , in those seasons which have had Winters of nual mildness, and when March has been so d and pleasant as to have prematurely started buds.

The crop is sometimes entirely destroyed in this , and ruined from the same causes as the peach s in the northern states is often lost.

Very many expedients are resorted to to pre- this. When the night has been so severe as dicate frost, an hour before sunrise numerous s are kindled throughout the vineyard. Large ches of straw are lighted and carried on fire by through the vineyard and close to the vines; or five persons will go over one arpent of s thoroughly in this manner, and this artifici- work is kept going on until the sun shines. This also done in the vineyards of Germany and the ne.

The burning of a newspaper in a grate, as all ow, will throw out an unusual amount of heat, they utilize this principle with the best means n command. Their theory is that the in- is not from the cold itself, but from the action the sun upon the frost, and they seek artificial- to melt or soften the frost before the sun ches it.

From the late frosts of the autumn a most sin- preservative is used in Prussia, and to me naturely novel one. It is not confined to vine- ds, but it is frequently adopted for various ds of fruit.

Long cords are made out of straw, the bark of , or hemp twisted into a rope of considerable . They place a vessel of spring water at a ance of twelve or fifteen feet from the tree or , and then surround the fruit tree with this placing both ends of the same in the vessel water. It is not necessary to have many ves- , one will do for a whole trellis, if the cord is nected and both ends are in the water. By joining the cords properly together a great num- ber of vines or trees can be thus surrounded, and it is claimed that this singular remedy is complete- ly effectual in saving the fruit from the effect of the late frosts.

There can be no doubt of the fact that a current of water brought by any means in contiguity with the fruit would affect the atmosphere in its imme- diate vicinity. If a trial should demonstrate that this means would be efficacious in our American vineyards in the more northern latitudes in case of the early frosts of October, it would be very valuable information, indeed, to those proprietors who suffered in the seasons of 1867 and 1868. I should think it was well worth the trial, as it is comparatively inexpensive. The wines of Prussia cannot at all compare in quality with those of Germany and the Rhine, with which they should, of course, be classed.

Perhaps the finest are those of Saxony, and the wine of Meissen, near Dresden, and of Guben would doubtless be considered the best. The wines consumed in Prussia proper are those in the main of Germany and the Rhine, and no consider- able proportion of the amount consumed in that country are grown within it. Now that recent political changes have advanced Prussia into a first-class power, and reconstructed Germany seems to have added to Prussia's glory, at the ap- parent expense of the United Germany, which has been the dream of that race, we prefer to reserve for a future article the vineyards of Germany and the Rhine, without detracting from the authority of the King of Prussia over the States that have so lately united their political destinies with the new Germany of to-day.

CLARE BELL.

13 FIRST PREMIUMS.

RECEIVED IN 1867 & 1868.

FOR THE BEST

WHITE AND RED WINES.

Gold Medal Awarded

BY THE STATE AGRICULTURAL SOCIETY, 1867-8

Silver Medal

BY THE MECHANICS FAIR, 1868,

FOR THE BEST SPARKLING WINES

ISIDOR LANDSBERGER,

30-12. 423 *Jackson Street.*

RAISIN,

And other choice

GRAPE CUTTINGS.

ALSO

WINES AND BRANDIES

Of the choice variety on hand and

FOR SALE.

GOLD MEDAL AWARDED BY State Agricultural Society, 1867,

TO THE

Natoma Vineyard:

BEN. N. BUGBEY, Proprietor.

Postoffice address Folsom, Cal. 28-2

GARDEN GROUNDS LAID OUT.

THOSE WHO WISH THEIR GARDEN GROUNDS renewed and replanted, or those who desire to have Grounds Designed and laid out upon Scientific principles, and with correct taste and skill, as

Adapted to this Climate,

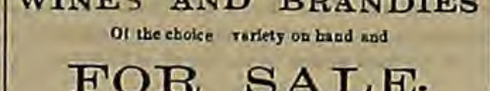
can have this work done to their satisfaction by calling at this Office, where all the best works on Gardening can be found, and where the various Styles, both European and American, can be seen. Grounds of any extent, from

ONE THOUSAND ACRES,

to small Gardens, in our City, will be designed and laid out and the TREES, PLANTS, Shrubs and Vines, and Bulbs all supplied of the very best variety and reliable quality, and the work done to complete satisfaction, by calling at the Office of the California FARMER.

None but Educated men ever engaged in such work.

Address WARREN & CO., Farmer Office.



BOUND VOLUMES FARMER

☞ Volumes of the "California Farmer" for The last EIGHT YEARS, uniformly bound, can be had at the Farmer Office at $3 per Volume.

These Eight Volumes contain more useful matter touchin the practical workings of Agriculture as adapted to California Culture than any Book or Books Extant, as they comprise hundreds of Experiments, Letters and Essays upon the Culture of Cotton, Rice, Coffee and Tobacco; Grapes, Strawberries, and all other Fruits, with the Culture of Hops, Castor Beans, Flax, Hemp, &c. and the Whole series of Essay of L. Prevost on Silk Culture, from early beginning.

This set of Volumes would be a Library of itself and in valuable to the Cultivator of the Soil.

Orders sent to Farmer Office will be promptly attended to

New Advertisements.

ORNAMENTAL TREES.

The Oregon Fir Tree Association.

We are now prepared to Ship to all parts of the country, all the handsome varieties of the Fir Tree that so abound in Oregon. The trade of the Association is at present promising much greater success, especially on the Pacific Coast, than they have formerly anticipated. The nurseries of California do not seem to have adopted the Oregon Fir, only as we have recently taken some of their orders from them.

We find them to possess an attraction as an ornamental tree rarely equaled. The Yellow Fir and the Balsam Fir are the most popular varieties; the Yellow Fir the most hardy—thriving in almost any soil or climate. Our trade with the East is promising; our trees have arrived there in good condition and are growing.

The Association is prepared to supply a large demand for Trees, from six inches to four feet in length, but we cannot fill orders for any more than four feet.

Efficient Agents wanted in all parts of the country, to whom we will extend the most promising advantages. We shall be glad to receive a communication from any one who might desire such an agency, or from any one who may desire our Trees.

Orders for Trees to be set in the fall should reach us as early as October, and those for the spring supply as early as February.

We Ship none but perfect and healthy Trees.

All communications should be addressed:

REV. C. W. TODD, Oregon City, Oregon.

LAKE

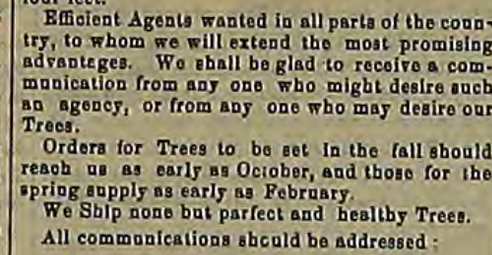
VINEYARD WINE

COMPANY.

The undersigned, hitherto doing business under the name and style of B. D. WILSON & CO., have this day changed their firm name, and will hereafter continue their business as Wine Growers and Merchants, under the name and style of

"The Lake Vineyard Wine Company."

J. De BARTH SHORB, CARLTON CURTIS.



We desire to call the attention of the Trade to our large stock of the celebrated LAKE AND MOUND VINEYARD Wines, and choice assortment of Wines and Brandies from the best Vineyards of California. These wines, bearing our trade mark on package, label, and seal, we guarantee of uniform good quality, inferior to none, and ready for safe shipment to any part of the world.

Orders for the Atlantic States will be filled by our New York House from their depot, at No. 45 Murray Street, New York.

The Lake Vineyard Wine Co

Corner Broadway and Battery Streets,

May 1st, 1869. San Francisco.

31-16

C. GROEZINGER,

DEALER IN

NATIVE CALIFORNIA

Red and White Wines,

Brandies, Port, Sherry, Angelica, Etc.

Northwest corner of Battery and Pine Streets,

SAN FRANCISCO

Jebb's Patent Churn.

This admirable Churn—one of the best yet invented—and which was pronounced

THE BEST CHURN EXHIBITED AT THE LATE

STATE FAIR,

and to which was awarded by the Committee

THE FIRST PREMIUM,

is now offered for sale to the Trade, or at Retail, in lot to suit purchasers at the

CALIFORNIA FARMER OFFICE.

Young Man Wanted.

We want a smart and active young man from 12 to 16 years of age, to attend to our Reading Room and Museum, Mailing Papers, etc.

None need apply who cannot bring the best testimonials o character and ability. Must be a good penman and quick at figures.

To such a young man an opportunity advancement will be given.

A young man whose parents or friends reside in the city would be preferred.

Apply at our office only between 4 and 6 P. M.

Miscellaneous.

CAUTION!

A WISE LAW OF THE STATE OF CALIFORNIA PROVIDES THAT A LIFE INSURANCE POLICY ISSUED BY A COMPANY incorporated under its laws SHALL BE EXEMPT FROM EXECUTION, PROVIDED THE PREMIUM DOES NOT EXCEED $500 PER YEAR. THOSE WHO CONTEMPLATE INSURING SHOULD BE CAUTIOUS TO INSURE ONLY IN A Company incorporated under the laws of California. SUCH A COMPANY IS THE

PACIFIC MUTUAL

LIFE INSURANCE COMPANY!

OF (SACRA ENTO) CALIFORNIA,

37 and 39 SECOND STREET,

SACRAMENTO.

LELAND STANFORD, President.

H. F. HASTINGS, Vice President.

JOS. CRACKBON, Secretary.

J. M. GREY, M. D., Physician-in-Chief.

SCHREIBER & HOWELL, General Agents.

To Whom it May Concern.

The undersigned having, for a period of over thirty years, devoted himself specially to the preparation of lubricating compounds; and having succeeded, both in this country and in Europe, in producing a chemical arrangement of materials which has not, up to this time been either surpassed or equalled, is yet willing to concede (the field being open) that others—with an equal amount of labor, patience and skill—may supercede the article about to be referred to. In fact, other manufacturers have recently introduced a less costly substitute, with the announcement, "USE NONE BUT THE BEST," and other devices! Now, if any similar preparation before the public is really better than the H & L. AXLE GREASE, the writer desires to know it. And if there be not, he desires his numerous friends and patrons to know it also. And for this purpose he offers a challenge of ONE HUNDRED DOLLARS, or upwards, to any or all competitors who are willing to make the test. The loser to pay the amount over to any charitable institution which may be previously agreed on; and the decision to rest with any respectable teamster who, after an impartial trial, will be willing to make affidavit of the respective merits of each.

JOHN G. HUCKS,

(Of the firm of Hucks & Lambert.)

No. 708 Lombard street, North Beach.

Agents Wanted - - - - - $10 a Day.

TWO $10 MAPS FOR $4.

LLOYD'S

PATENT REVOLVING DOUBLE

MAPS.

Two Continents, America and Europe, and America with the United States portion on an Immense scale.

Colored—in 4000 Counties.

THESE great Maps, now just completed, 64 x 62 inches large, show every place of importance, all Railroads to date, and the latest alterations in the various European States. These Maps are needed in every School and family in the land—they occupy the space of one Map, and by means of the Reverser, either side can be thrown front, and any part brought level to the eye. County Rights and large discount given to good Agents

Apply for Circulars, Terms, and send money for, and see Sample Maps first, if not sold taken back on demand

31-15 3m J. T. LLOYD, 23 Cortlandt St., N. Y.

Valuable Patents

FOR SALE.

We invite the attention of energetic Mechanics' to several very

VALUABLE INVENTIONS

for which we hold the

PATENT RIGHT

of this State and coast for the same.

They are each and all of a practical and useful character, and are such as a handsome return for labor and capital can be made from.

WARREN & CO.

VALUABLE PLANTS FOR SALE.

☞ Persons who are desirous of securing a few very choice and pretty specimens of rare PLANTS IN POTS can be suited at the gardens of the subscribers, where strong and HEALTHY PLANTS, of all kinds, can now be had in any quantity.

These plants and vines are of our own growing, and we have taken the greatest care to grow the best kinds, and to so cultivate as to make them hardy in their nature.

These plants have been raised in the open air, exposed to the sun and drying winds, so as to give them vigor, and when removed to other places, to gardens in the country, or to conservatories or to parlor windows, for house cultivation—they will prove strong and healthy, and be sure to flourish and grow far better than plants that have been raised in green-houses and grown weak and tender.

We invite our Subscribers and Patrons, all who wish collections of CHOICE PLANTS, VINES and SHRUBS to call on us and see our collections, and we will offer them great inducements to purchase of us. WARREN & CO.,

tf *Farmer Office.*

Country Homes Wanted.

There is wanted at this time, several Homes in the Country, in good and pleasant locations, where the scenery and surroundings are also pleasant.

These estates should contain from 10 to 50 acres each, some of 100 acres, all suitable for families who want permanent homes.

Those who have such places for *sale*, or to lease for a term of years, can find the parties that will buy them if they communicate with this office immediately

None but good bona fide sellers need apply as the parties requiring these places have the means to carry out all their agreements. Address the FARMER OFFICE.

Miscellaneous.

SPLENDID RESIDENCE FOR SALE.

A VERY MAGNIFICENT RESIDENCE, SURrounded with the most valuable and choice Ornamental and Shade trees, and connected with a large and valuable heavy bearing Orchard of nearly

FIFTY ACES.

The Fruit of the very choicest kinds.

This Estate is situated upon a Country Road, in one of the finest sections of country where lands are rapidly advancing in value.

The whole Estate, comprising over

SEVENTY-FIVE ACRES

and all of the very best land

The Mansion House.

Is of modern style, nearly new, and now well and genteely furnished.

The entrance to the Mansion is through fine ornamental and shaded drives, and all the surroundings, are of a pleasant character.

LARGE STABLES,

CARRIAGE HOUSES, and FRUIT HOUSES, and a liberal collection of

FARMING IMPLEMENTS,

make this Estate such a one as is rarely offered for sale.

To a skillful ORCHARDIST, this is a rare chance, as the product of these extensive Orchards, should pay the purchase money in three or four years.

Those who desire a

Large and Valuable Estate,

and one of increasing value, can address

3- EDITOR FARMER.

CARLOS O'DONNEL'S

CALIFORNIA

CORDIAL TONIC

OR

Wild Cherry Bitters.

TRADE C. O. D. MARK

This elegant preparation is acknowledged by all who have used it to be the most efficient remedy for every disease of the

STOMACH AND BOWELS

Yet introduced to the notice of the Public. Immediately on taking a dose of it, the patient will find a genial glow prevading his entire system, and its steady use for a short time will be followed by a healthy appetite and a good digestion, even in the case of the most confirmed Dyspeptic,

INDIGESTION, DYSPEPSIA,

DYSENTERY, DIARRHŒA

NERVOUS AFFECTIONS,

Or any of the manifold troubles caused by a diseased action of the Stomach, this remedy is confidently recommended as a safe and certain cure.

N. B. JACOBS & CO.

Sole Agents,

423 *FRONT STREET, SAN FRANCISCO.*

31.12-3m.

REAL ESTATE at SACRAMENTO

SIX TO TEN BLOCKS,

Well situated in the suburbs of the City in entire Blocks, with Twenty or Thirty Lots sperate, singly, or more, all desirably located for Building Lots. Will be sold at reasonable rates, if applied for soon to

WARREN & CO., Farmer Office,

Or GEN. JOSIAH HOWELL, Sacramento City.

A Young Man Wanted!

A live Young Man wanted—one who wishes to *do his duty*, and by his true merit work his way up, and become of value to himself and his employer.

To such a young man, who can bring good recommendations a good situation will be offered in this office.

Apply only between the hours of 8 and 9 o'clock, A. M., and 5 and 6 o'clock, P. M., in the Printing Department of the FARMER OFFICE.

THE BEE-KEEPERS' JOURNAL,

And Agricultural Repository.

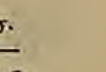
A large and handsome monthly, at $1 a year. Specimen copies sent free. Edited by Homer A. King, and Ellen S. Tupper; the former, author of "The Bee-Keepers' Text Book, (Which has reached its eighth edition, having run 7 editions of 16,000 copies in two years,) and the latter Iowa's noted writer on Bee-culture. A specimen copy with liberal premium offers and "Hints to Bee-keepers" sent free. Write now and not forget it. Address

H. A. KING & CO., Nevada, Ohio

Until Sept. 1, 1869, and thereafter in New York City.

31-19

Preserve Your Sight!



BRAZILIAN PEBBLES.

SPECTACLES AND EYE-GLASSES

Mounted in fine gold, Steel and Shell Frames, accurately adapted to the various conditions of sight. Those in need of Spectacles will find my assortment the most extensive, and receive the attention of one skilled in his profession.

C. MULLER, Optician,

7 1 No. 205 Montgomery street, San Francisco.

The California Farmer.

SAN FRANCISCO:

THURSDAY EVENING.....JULY 15, 1869

THE CALIFORNIA FARMER READING ROOM, AND MUSEUM OF NATURAL HISTORY.

320 Clay Street—Marble Building—Up Stairs.

FARMERS' HEADQUARTERS—FREE TO ALL.

The Editorial Rooms and Museum of the FARMER OFFICE are always open, and an attendant ready to make a visit instructive to those who take an interest in the productions of our State. Samples of all productions—Grains, Grasses, Fruits, Models, Inventions, Minerals, and specimens in Natural History innumerable, are constantly being added.

FARMERS' READING ROOM.

Farmers and Mechanics, from the country, who visit San Francisco, should visit the Free Reading Room and Museum of the FARMER Office. Members of the Press and Strangers are particularly invited to avail themselves of these rooms. Newspapers from every State to which we have access by mails, as well as Foreign Newspapers, Periodicals, and Magazines, are upon file and on the tables for use; a Good Library of hundreds of volumes, with works illustrative of Agriculture, Horticulture, and Floriculture, works for reference upon all Sciences, with a Cabinet of Minerals, Coins, and Curiosities of interest to the Naturalist, to which we invite all.

TERMS OF ADVERTISING:

The charges for advertising in the CALIFORNIA FARMER, payable in advance, is TWO DOLLARS for five lines or less of space, in Nonpareil type, for one insertion, twenty cents a line for any larger space. Each subsequent insertion half these rates. This, it is believed affords the cheapest and best medium of reaching the Agricultural community on this coast. As heretofore the right is reserved to reject any advertisement deemed objectionable.

SAMPLE COPIES.

☞Those who receive a number of the FARMER with this paragraph marked, may understand that it is sent to them for their examination hoping our paper will meet their approval and induce them to subscribe, and to ask their neighbors to subscribe also.

Send for Sample Papers and get up a club, Address

PUBLISHER CALIFORNIA FARMER,
San Francisco, Cal.

Editor's Chair,

[Here we shall hold our special weekly chat with our Readers and Correspondents, and here we shall call their attention to such articles in each issue of our *Journal*, to which we would direct their *special* attention.]

GEORGIA SILK CULTURE.—We are highly gratified to lay before our readers the letter of our esteemed Silk-worker, Prevost, with the letter of Mr. Mabry, from Georgia, giving account of the success of this business there.

We are truly glad that Georgia takes hold of the work, and we hope Mr. Mabry's example will be copied by many others. The whole letter is full of interest, as not only indicative of success, but a guarrantee that the business will be established there.

We shall send a liberal supply of FARMERS to the writer for distribution, and they, as *Subscribers*, will find from time to time, when and how to send Eggs to Europe or elsewhere; and we hope to hear from Mr. Mabry, direct to this Journal, of a still greater success of Mrs. Mabry in her enterprise.

CHINA IN OUR KITCHEN.—This most excellent article which we take from the *Atlantic Monthly*, we esteem of so much importance at this time to California while the question of "Chinese Labor" is before us, that we have taken the large space it requires to give it entire. We believe every family in our State has an interest in this question.

GEO. HUDSON.—We hope the history of George Hudson, the Great Railway King of past years in England, will be read by those who are now engaged in the Speculation so rife in our midst—Mining Stocks, Homesteads, Real Estate—for there are the same temptations now that beset George Hudson, and his sad history should be a warning to all.

SANTA CLARA COLLEGE.—We very much regret the necessity of deferring our matter relative to this College; but not receiving promised MSS. and Cuts in time for this issue, we must defer them till our *number One*.

We call special attention of all our Fruit growers to the Report of the Fruit Growers' Meeting, and their doings, published in full in our columns; also, the new Invention for Drying Fruit, which will greatly aid them in exporting their fruit.

Acknowledgements.

Articles Received at the California Farmer Exhibition Rooms, No. 320 Clay Street.

BOOKS.—European Vineyard, by W. J. Flagg, Esq., from the Press of Harper, Brothers, N. Y.

Here we have a Book worth reading, containing, as it does, a vast amount of information for the general reader, and to the Vine-grower and Wine-maker, a large amount of practical knowledge, which can be made available. The Book should be in the hands of every Vine-grower.

WEDDING DAY.—Ed. J. Wood. Esq., has sent out from the Press of Harper, Brothers, of N. Y., a Book which tells us of the Wedding Days of all Ages and all Countries. Here now we have a Book that will be read by all our Young Men and Women; for this is the *Chief beginning of Man* and Woman too; at least it is the *Chief desire* of all to be married.

This Book will furnish a large amount of interest and amusement, as well as valuable information on the subject of marriage. The Book commences with the first marriage, its Intention and purpose, and then furnishes the History and forms of marriage in all countries. It will be extensively read.

Messrs. A. Roman have these two Books for sale.

SEEDS.—We are indebted to Hon. Cornelius Cole at Washington, for a collection of rare and valuable Seeds, for which we return thanks.

OUR NEW VOLUME.

With our next issue we shall present our *Number One* and of VOLUME THIRTY-TWO.

It is not our purpose to make any *new* profession of love and earnestness for the cause we have so long espoused. We feel confident that every honest-minded man in our State, will admit that we have been true and faithful to the cause of Agriculture and all its kindred interests, from the days of the Infancy of this interest to its now present Gigantic proportions, and great Value to our State.

We trust that for these long years of labor for the best and greatest interests of California, that we can ask of our Merchants, Manufacturers, Mechanics, as well as of all who are now engaged in any Agricultural department, their *Voluntary co-operation with* us; and we would now ask of all such to kindly give us their names, that we may enrole them upon our list of subscribers. We feel we deserve their voluntary aid, so we may do still more as we enter upon our New Volume.

We shall send copies of this number, and of our *Number One*, to many thousands of our prominent citizens and others, over this coast, and we hope such persons will work with us in this great and very important interest.

We think that all who have pleasant Homes and Garden spots, will find in the CALIFORNIA FARMER much that will aid them in their pleasant rural labors and adornments.

We return our sincere thanks and most grateful acknowledgments, to our many thousand subscribers, and our many liberal patrons, who are in our advertising columns, for their generous support, and hope we shall long have to record their success and the prosperity of our State, our Pacific Coast, and our Glorious Union.

CELEBRATION OF OUR INDEPENDENCE.

When we recall the early years when this important Festal Day was kept, and compare it with the late celebration in our city, we grow sick at the degeneracy of the times, or rather to the shameful disregard of the day that was manifested by the Procession that passed through our streets.

We consider that it was a desecration of the Holy name of Liberty, Freedom, and Independence, and an insult to the memory of Washington, and all the Patriot Fathers, and all those who fought, bled, and died to achieve the Independence we now enjoy.

In early years, and until recently, we have always seen Banners and Emblems, Figures and Trophies illustrative of the Glorious Spirit of Liberty, and Paintings of Washington and other Heroes, with mottos and dates, telling us of past, memorable times, and paying a loving tribute to the honored dead.

What did we behold in our city at the last Celebration? We think we are right when we say that throughout that long line of people, with their Waggons, Teams, and people, there was scarce a single Banner, Emblem or motto that would at all indicate that the Celebration was our Glorious Fourth of July.

The whole parade bespoke *trade and traffic*. "Vinegar Bitters," "Apothecarie's Wares," "Lager Beer," "Furniture," and all the signs and advertising cards of those who thus use the day as a means to turn it to account of *the almighty dollar*. It was virtually "*Bowing down to the Golden Calf*," and thus prostituting the day that should be as an offering of Gratitude and Thankfulness to *God* for the Blessings of our Civil and Religious Liberty, to a day when the people showed by their acts that they preferred to WORSHIP MAMMON.

When we remember the course adopted in the outset for the celebration of the day, *we* rather feel glad our Military were not in that *Show Bill Train*. We felt sick at the thought that the glorious day could be thus misused.

We are glad to know that if our city failed of a good Enjoyment in their outward display, there were many citizens that duly observed the day.

Oakland had a Grand Celebration, and they deserve great credit for their liberality on the occasion.

Sacramento, Stockton, Marysville, and other places observed the day wisely and well, and we hope another year, the errors of this year on such a day, may not only be forgotten, but wisely corrected.

NEW FLOWER VASES.

At the large Crockery Warehouse of Messrs Haynes & Lawton, on Sansome street, in our city, we were glad to see amid the large quantity of new and rich Dinner, Tea and Coffee Sets they are opening, (and they are rich and superb too, entirely new designs,) to see some very beautiful Flower Vases of the true, sensible style, and of patterns that will admit of arranging the flowers in a true, natural style.

It is, or should be known, that in the ordinary Flower Vase, that, where by the means of a narrow neck, the stems of the flowers are crowded compactly into the Vase; this not only bruises the tender stems, but prevents all the circulation of air around the foliage and the flowers, and thus hastening their decay.

Large, *open mouthed* Vases are always best for arranging flowers in the house. With such, Nature can be copied, and the green foliage and flowers so arranged as to look beautiful, like Nature, for true Nature is always beautiful; and in gathering flowers from the garden, they should be carefully cut off with a sharp knife, not broken; this causes earlier decay; have care not to immerse the stems too deeply in water; and as the water evaporates, *add to it, not change it.*

With the new and elegant Vases, now introduced by Messrs. Haynes & Lawton, our lovers of cut flowers can gratify their most refined tastes.

OUR HARVEST SEASON.

It is, we think, wholly unnecessary, with the universal testimony that comes from all quarters, to doubt but that we shall have the largest Grain Crop, by *twenty-five per cent*, that has yet been harvested in our State.

Even the Croakers say that the Smut and Rust had disappeared when the harvest came, and where small crops only was expected, a very good, general crop was had, and in many places a very Extraordinary yield will be had.

It is to be regretted that there is cause of complaint at the want of care shown by many harvesters to the manner of cleaning and sacking their grain; and unless this is attended to now, and promptly, and well too, farmers will find their grain will be *neglected by our shippers on account of its foul condition*.

We think too little attention has been paid to the *quality of seed planted*; and, also, planting the same seed over and over again on the same land. *A change of seed* is of the highest moment to our grain-growers, and a cent or two, or three cents, per pound, in the cost of seed, is a small item, when the result is often *twenty-five to fifty per cent*, greater yield, per acre. The present price of wheat should satisfy our grain growers, and we advise them to sell as rapidly as they can.

Hurry up, Farmers—you who live at the *head waters of Navigation*—now is your time, and before the rivers fall and shut you in. One and a half cents now is better than one and three-fourths next spring; and the prospect is, that we are now at high water prices.

Shipping grain in bags will always prove the *best and cheapest plan* for California and this, we have always said, "We never had any faith in the "Grain Elevator," and so said at first; and many weeks since we said it would "cost more than it came to," and so it will prove; and those who travel through Vallejo, in coming years, will look on that ungainly building, at Vallejo, called the Grain Elevator, and as they learn its *unfitness* for the purpose for which it was intended, they will point to it, saying, See "Speculator's Folly.

The subject of raising Flax and Hemp here, has awakened attention, and a large area has been planted both here in California, and also in Oregon, the present year, and this crop will be very largely increased the next year, as the Cotton Mills, at Clinton, have been changed to the manufacture of Bagging, and greatly enlarged expressly for that purpose. Grain Bags, by the million, will be made annually, and furnished as low as six and a half to seven and a half cents each; and as grain must be put into bags in the field, and then brought to market, *it will cost very much less to ship grain in Bags* than *in Bulk*; besides, in Europe, and in New York, and in other ports, Bags are returned to the shipper; and frequently the value of the bags, so returned, give the shipper quite a little per cent profit. So with these *facts*—we think the grain growers will give the "go by" to the Grain Elevator.

From information received from the interior, we learn that the Sacramento, Feather, San Joaquin, and Tuoleme Rivers are rapidly falling. It is to be hoped that our farmers will hurry up their grain and send it down to market quickly, and then float easily into the harbor of their prosperity. See our Market rates in last page.

MISS ANNA E. DICKENSON.

This distinguished Lady made her Debut at Platt's Hall, on Monday evening last, to a very intelligent and very large audiance, and we think the Lady must have been highly gratified at the cordial and flattering reception given to her, for it was one of the best proofs that her course in life has met the approval of the wise and good of all classes.

Miss Dickenson delivered her second Lecture, last evening, to even a larger audiance, and a very select and enthusiastic gathering—one rarely accorded to a Lady.

Miss Dickenson has created quite an enthusiasm upon the public mind, which will give her an opportunity to labor long and accomplish great good.

The coming of this Lady now is very opportune. Her appearance, every word, look, and gesture seems electric, and makes a most favorable impression. Her subjects for discussion are well taken; her manner is graceful; her words are clearly and eloquently spoken. Such is her confidence in the truth and goodness of her own purpose in coming before the public, that she charms by her earnest eloquence, and convinces by the power of the Truths she utters.

No public Speaker has ever been received with a warmer welcome than has already been given to Miss Dickenson; and it is good for our people that she has come among us. Let all go and hear this most eloquent Lady.

We would most respectfully suggest that some means may be adopted, whereby this Lady could address the *Working Classes*, those who are not able to *pay a dollar*. It is that class that need to be enlightened, and Miss Dickenson can do this better than any other Lecturer.

SAMPLES OF GRAIN WANTED.

We are desirous of obtaining small sheaves of Wheat, Barley and Oats, from the different counties in this State. Small sheaves with straw some twelve to twenty inches long, and the sheaves of sizes convenient to the collector.

We also desire Samples of the *clean Grains*, in parcels of a pint each, and of all the varieties grown.

If growers will be so kind as to aid us in these collections and forward such to us by Express, carefully packed, we will cheerfully pay all charges and trouble to them, and gratefully reciprocate the favor in any way we can, freely.

We shall also be grateful to receive at the same time the grower's name and locality, and such other facts as may be convenient to send to us.

CALIFORNIA FARMER OFFICE,
320 Clay Street, (up stairs.)

FRUIT GROWERS' CONVENTION.

A very interesting meeting of the Fruit Growers and Fruit Dealers was held at the Hall of Messrs. Wakelee & Co., on Kearny street, on the 7th., for the purpose of forming an Organization for the protection and benefit of all interested. About forty persons attended the first meeting, and a good feeling prevailed.

S. W. Shaw, Esq., was called to the Chair, and E. D. Lewellen and W. H. Stevens, adpointed Secretaries.

Very interesting statements were made to the meeting, relative to the increasing value of the Fruit interests of our State, and the importance of making arrangements with the Pacific Railroad to send our Fruit East. Among the Speakers was E. W. Haskell, of Yuba Orchard, Mr. Rhodes and Mr. Robinson, of Alameda, Mr. Reed, of Yolo, Mr. Strong, of Sacramento, and Mr. Shaw, of Sonoma, and others.

A Committee was appointed to prepare a Constitution and Bye laws, who, at the afternoon Session, reported as follows:

The Committee upon Organization reported the following Preamble, Constitutions and Bye-laws, which, after discussion, were fully adopted, and are as follows:

CONSTITUTION.

WHEREAS, It is becoming more and more apparent from year to year, that the production of fruit in this State is, and will continue to be, greatly in excess of the demand of our limited home market, and that a fair compensation to fruit growers requires that new markets should, if possible, be made available; therefore, we, the fruit growers and dealers of California, for the protection of our interests, and the further successful development of our branch of Agriculture, form ourselves into a permanent Association, to be known as the

CALIFORNIA FRUIT FRUIT GROWERS' AND DEALERS' ASSOCIATION.

The Officers of the Association shall be a President, a Vice-President, Secretary and Treasurer, and fifteen Directors. The Directors shall be selected from the principle fruit districts of the State.

BY-LAWS.

ARTICLE I.

It shall be the duty of the President to preside at all the meetings of the Association. The President shall call a meeting upon the written request of five members of the Association.

ARTICLE II.

It shall be the duty of the Vice-President to preside at the meetings of the Association during the absence of the President, and perform the duties of the same.

ARTICLE III.

It shall be the duty of the Secretary to keep a full and complete record of the proceedings of the Association and of the Board of Directors at all their meetings, and perform such other duties as may be required of him by the Board of Directors.

ARTICLE IV.

It shall be the duty of the Treasurer to receive all monies and deposit the same as directed by the Board of Directors, and dis burse the same on orders drawn by the Secretary and countersigned by the President, and also shall give such bonds as required by the Directors.

ARTICLE V.

It shall be the duty of the Board of Directors to take charge of all property of the Association, to control and manage the affairs of the same. Five shall constitute a quorum for the transaction of business.

ARTICLE VI.

All contracts entered into by the Board of Directors and signed by the President and Secretary shall be binding upon the Association.

ARTICLE VII.

Any fruit grower or dealer may become a member of this Association by the payment of Five Dollars and the signing of the Constitution and By-Laws.

ARTICLE VIII.

The Annual Meetings of this Association shall be held in San Francisco, on the First Thursday in May of each year.

ARTICLE IX.

The Officers of this Association shall be elected by ballot at each Annual Meeting.

ARTICLE X.

Any change or alteration of these By-Laws may be made at any Annual Meeting, by a vote of two-thirds of the members present,

The following officers were then elected for the ensuing year:

President—S. W. Shaw.

Vice-Presidents—B. N. Bugbee and D. W. Grant.

Secretary—W. H. Stevens.

Treasurer—C. W. Weston.

Directors—H. Robinson and E. D. Lewellen, representing Alameda; L. A. Gould, Santa Clara; J. M. Thompson, Napa; R. B. Blewer, Yolo and Solano; A. P. Smith and W. R. Strong, Sacramento; J. M. B. Weatherwax, Eldorado; John Briggs, Yuba and Sutter; Mr. Rose, Los Angeles, E. W. Haskell, P. L. Webb, A. Lusk, and W. K. Cummings, San Francisco; Mr. West, San Joaquin.

Mr. Robinson offered the following Resolutions:

Resolved—That an organized effort be made by the fruit-growers here represented, to obtain such a reduction of the rates of freight now charged by the transcontinental railroad companies—through proper representations to said companies of the absolutely prohibitory rates now ruling—of the vast amount of freight immediately available to them in consequence of such a reduction of rates as shall enable the fruit grower to place his fruit in the Eastern markets at a reasonable profit to himself, and of the great future importance which this fruit trade with the East would assume if properly encouraged.

Resolved—That the production of fruit in this State is limited only by the want of a market, and that this fact, connected with the known rapid deterioration of orchards now going on in the State, renders the subject of the availability of Eastern markets to California fruit-growers one of great interest to the whole country.

Resolved—That we do not expect such a reduction in the price of freight as will enable us to place our fruit in market in competition with Eastern growers, but, owing to our peculiar circumstances such a reduction as will enable us to sell them, and thus greatly prolong the fruit season for the consumer.

The resolutions were adopted.

Col. Warren, Editor FARMER, announced the promised visit to California of Hon. Marshall P. Wilder, of Boston, Mr. Leroy, of France, and Mr. Rivers, of England; and read the letter of Mr. Wilder to the meeting; and offered the following Resolution, which was happily greeted and passed unanimously.

Resolved—That we the fruit growers of California hail with great satisfaction the announcement that the Hon. M. P. Wilder, the well known veteran Pomologist of our country and President of the American Pomological Society, and those other well known Pomologists of Europe—"Leroy" of France and "Rivers" of England—will visit California this Autumn. We desire to express our great satisfaction and that we will, when we learn the time of their coming, adopt suitable measures for their reception, so that we may do such distinguished men all suitable Honor and Respect.

A Committee was then appointed to visit Sacramento, and confer with the Directors of the Pacific Railroad, relative to the transmission of fruit over the line.

The meeting was one of interest, and was conducted with spirit and energy, and will be productive of great good to the Fruit Growing interest of our State.

DELINQUENT SUBSCRIBERS.

We last week received the following letter on the subject of Delinquent Subscribers, so apropos that we herewith give it, and hope it will do good. We return thanks to our prompt subscriber for his many favors, and hope to have him long with us.

June 25, 18[illegible]

Editor California Farmer:—

Well, I guess I'll write you a little note to say *like* your gentle hint to the "Delinquents." I don't see how any man can take a newspaper and not feel ready and willing, even glad to pay for it cheerfully and promptly, too. Now you know I have been a subscriber to the FARMER for the whole time you have published it—nearly [illegible] *years*—and if you will look over your Cash Book I think I never but once let the *year* run out before I *had* paid for the next; then I feel a pleasure in reading the FARMER, for I know the Editor must be a hard, toiling man to present us so much in every department, and this too, without that class of matter or advertisements which disgrace so many newspapers and endanger the morals of the families where they are found.

I feel, Mr. Editor, as a Parent, that we all should do what we can to encourage a Journal that has done so much for the *Good of this State*, and has long labored for its best interests.

I take pleasure in enclosing Ten Dollars and the names of my neighbors who, like myself, will do all we can for the FARMER, and you may write opposite my name, "Subscriber for Life," and you shall always have the *pay in advance, too*.

Wishing you every success and a long life, I am truly yours, B. S. W.

P. S.—I enclose an article I cut out of an Ohio paper, about *delinquent subscribers*, and I think they deserve all the writer says. B. S. W.

THE MAN WHO WON'T PAY THE PRINTER.—May he never be permitted to kiss a handsome woman.

May his boots leak, his gun hang fire and his fishing line break.

May his coffee be sweetened with flies, and his sauce seasoned with spiders.

May the famine stricken ghost of an editor haunt his slumbers.

May he be bored to death with boarding school misses practising the first lessons in music within the privilege of seeing his tormentors.

May a troupe of printer's devils, lean, lank and hungry, dog his heels each day; and a regiment of cats caterwaul his window each night.

A CARD.

To Advertisers!!

Our number One of our New Volume will be issued on the 22nd of this month.

We wish to call the special attention of all who wish to ADVERTISE, as we shall send out a large Extra Edition of our Journal, mailing copies [illegible] this Coast and to prominent business persons in Eastern States and Europe.

This opportunity will give Advertisers a chance to make known their business very widely on this Coast, besides our new term of Three Months [illegible] embrace the whole Fair Season over the State, a period when our Journal has a wide circulation, distributed at the Fairs by thousands.

Advertisers in the Eastern States should improve this period for their business, as it will be of particular benefit to them and accomplish more for them than they could obtain by any other mode of Advertising.

Address this Office early to secure space for the Season.

THE CALIFORNIA FARMER!

OUR THIRTY-SECOND VOLUME.

In the opening part of the next month we shall commence our THIRTY-SECOND VOLUME of the

"California Farmer."

A few numbers more and we begin the closing Volume of our SIXTEEN YEARS' LABORS with this Journal.

We do not feel that it is necessary we should come out with any new promises of what we shall do for the *Cause of Agriculture* and its kindred Sciences, for the past must speak for us; and those who can look back to the time when we launched our little bark, will now justly recognize what has been done to advance this great and important source of wealth to our State by this Journal during these long years.

One thing we do know, "We have done what we could," and we hope with our New Volume to enroll many New Voluntary Subscribers. For all such cooperation we shall ever be duly grateful.

We return our most sincere and heartfelt thanks to all our Patrons for their many kindnesses, and hope to continue to walk with them many years in the pleasant scenes of Rural Life and Rural occupations.

The Terms of the FARMER will remain the same—$5 per year, $3 for six months, (gold price,) and $1 extra when payments have been delayed; and these terms are unchangeable. A liberal allowance for clubs; when five copies are paid for, six copies will be furnished.

WARREN & CO., Editors and Publishers,
320 *Clay St.*, San Francisco.

TEN REASONS WHY EVERY FARMER AND STOCK-RAISER SHOULD TAKE THE "CALIFORNIA FARMER."

a. Every Farmer and Stock-raiser should be a reader of the Journal connected with the interests of his own profession in his own State.

d. Every such person should give his sanction and support, generously and voluntarily to a Journal that advances his own particular business in his own State.

f. Every such person is *benefited* by the publication of such a Journal, and is in justice bound to reciprocate such labors.

h. No person engaged in these employments can be without such a Journal without the loss of many times its cost annually.

b. The Farmer and the Stock-raiser will always be better advised of the markets, and that kind of information so important to his interests by constant access to a Home Journal.

b. The *California Farmer* has faithfully advocated the best interests of the Farmer and Stock-raiser for nearly sixteen years, and is the *only Agricultural Journal in California.*

k. The *California Farmer* contains the most important information relative to these interests in every branch of Agricultural science.

k. The *California Farmer* contains the announcement of all New Seeds, Grains, Grasses, etc., together with all New Implements that will advance the cause of the cultivators of the soil.

k. The *California Farmer* contains the arrival and introduction of all the best Stock of all kinds as soon as known, together with the full Market Reports of all the interests appertaining to Agriculture.

k. The *California Farmer* is now the *only paper* on the Pacific Coast that is continued by its *original Editor and proprietor*, commencing at the time this Journal commenced; and having been constant in its efforts for the good of these interests, deserves the cheerful patronage of all good men.

NEW

Russian, Turkish & Roman

BATH HOUSE.

Nos. 524 TO 528 PACIFIC STREET,

DR. ZEILE INFORMS THE PUBLIC THAT his New Bath House is now open for the accommodation of patrons. Neither pains nor expense have been spared to make this the best and most commodious establishment of the kind, either in Europe or America.

Convenient and separate apartments are afforded for the administration of bathing by Steam, by Hot Air, and by Plain or Medicinal Waters.

Trained and polite attendants will use their best efforts to give complete satisfaction.

DR. ZEILE has also attached to his bathing establishment a few handsomely furnished Suites of Rooms, where he will receive and entertain patients for treatment, who are not affected with any contagious or infectious disease. To secure this accommodation it will be always necessary for engagements to be made in advance of the arrival of the patient.

Open daily from 7 A. M. to 9 P. M. On Sundays from 7 A. M. to 2 P. M.

31-23

The FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco not working well, I will fix it for nothing and pay all express charges.

SAMUEL HILL, Agent,
111 Montgomery street,
San Francisco.

31-19

New Advertisements.

PIONEER CROCKERY

WAREHOUSE.

HAYNES & LAWTON

SELL AT

WHOLESALE AND RETAIL,

CROCKERY,
GLASS, AND
CHINA WARES.

OUR SILVER-PLATED GOODS

Are all Plated by the

Pacific Plate Works,

For which we are Agents, their Manufactory being upon our premises.

TEA SETTS, CASTORS, & CAKE BASKETS

Can be had Plated as heavily as desired.

OUR SPOONS AND FORKS

Are all stamped with the name

"PACIFIC PLATE WORKS,"

And are fully guaranteed.

Orders from the interior, and letters asking information, will receive immediate attention from us,

The most careful packers are employed, and no difficulty need be apprehended in having goods reach their destination in good order.

HAYNES & LAWTON,

216, 218, 220, 222 SANSOME STREET,
SAN FRANCISCO,
And 183 Main Street, Stockton.

21

Walter Brown & Co.

WILL HOLD THE

FIFTH REGULAR PUBLIC SALE OF

WOOL,

On the 15th of July, at their Warerooms,

26 & 28 Park Place & 21 & 23 Barclay St.

NEW YORK,

And the SIXTH will occur about the middle or last of AUGUST.

Their facilities for selling at Private sale are largely increased by these Public Sales, and consignors will receive the benefit of both methods without increase of charges or commissions. Sales generally made directly to consumers. Advances made when desired.

Commissions, 2 ₰ cent ₰ lb and Government Tax of 1-10 of 1 per cent, which covers advances, guarantee, and all charges after the receipt of Wool.

Consignments Solicited. Further particulars cheerfully given by letter when desired.

31-22 3m

Santa Clara College, S. J.

SANTA CLARA, CAL.

Conducted by the Fathers of the Society of Jesus.

THE NINETEENTH ANNUAL SESSION OF THIS INstitution will commence on THURSDAY, August 19th 1869.

TERMS—Tuition in the Classical and Scientific Departments; Boarding and Lodging; Washing and Mending of articles; School Stationery; Medical Attendance and Medicines; Fuel, Light, Baths, etc., per session of ten months,.....$35

For further information apply to the President of Santa Clara College, Santa Clara, Cal., or to Rev. A. Maraschi, S. J., St. Ignatius Church, Market street, between Fourth and Fifth, San Francisco.

24-3 REV. A. VARSI, S J. President.

SPLENDID CASHMERE GOATS

We Invite the attention of all who desire to purchase PURE BLOOD Cashmere Goats, to call or advise with us.

We have a List of the SPLENDID GOATS Imported by Hon. I. S. Diehl from Asia, and having been appointed to act for him, we are now ready to take orders for the same.

As the value of this fleece is now steadily increasing in demand, we shall soon have Mills for the manufacture of the same.

Address EDITOR FARMER.

New Advertisements.

W. K. VANDERSLICE. THOMPSON.

SILVERWARE

MANUFACTORY.

We offer every kind and variety of Silverware of our own make, or made to order for purchasers.

We have demonstrated that we can easily compete with Eastern or European manufacturers, and those wishing to purchase Silverware, if they will call on us, we will convince them it is so, and that they can purchase of us a BETTER ARTICLE and at LESS PRICE than the Imported Wares.

Orders by Express promptly attended to, and at as low prices as could be obtained if ordered personally.

Manufactory and Salesroom,

No. 810 MONTGOMERY STREET,

JUST ABOVE JACKSON.

☞ Goods sold at RETAIL as well as Wholesale.

W. K. VANDERSLICE & CO.

31-19

THE

AMERICAN

SUBMERGED PUMP

THE ONLY PUMP COMPOSED OF ALL METAL, no Rubber or Leather packing. For ease of working, great power in forcing, with bore, combines these for Irrigation, or as a Fire Engine, the greatest Invention now in use in the way of Pumps.

They are on practical exhibition at the Company's Warehouse.

Farmers wanting a Pump, and who cannot come and see their operation, will be sent a Circular giving full particulars of their great advantages by addressing the

Pacific Pump Manufacturing Co.,

Nos. 211 and 213 California St.,

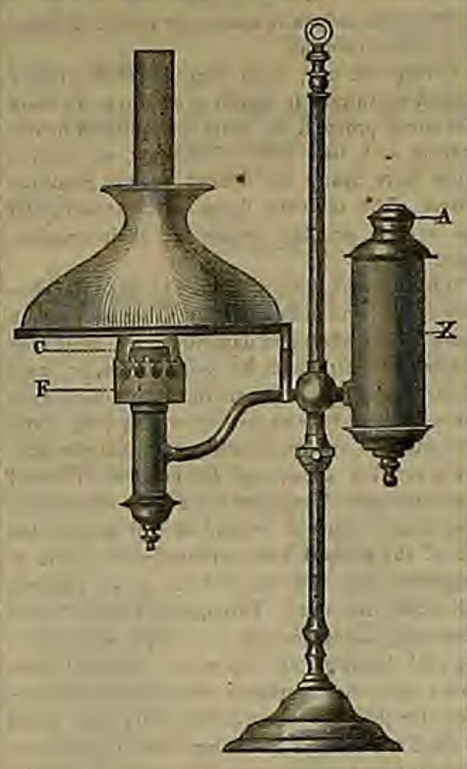
SAN FRANCISCO.

31-19

New Advertisements.

ST. GERMAIN

STUDY LAMP.



Your Student Lamp has become a great favorite in my house. I employ it in preference to all others. I can suggest no improvement and desire none.

Rev. HENRY WARD BEECHER.

For Sale with extra Glasses and Wicks, and with printed directions for preparing and using it,

—BY—

HAYNES & LAWTON,

516, 518, 520, 522 Sansome Street,

31-23 SAN FRANCISCO.

TO THE PUBLIC!!!

THE

SAN FRANCISCO

PACKAGE EXPRESS

COMPANY.

CAPITAL.....$100,000

IS ORGANIZED FOR THE PURPOSE OF CARRYing Passengers, Baggage, Packages, and Parcels from the different Railroad and Steamboat Lines, and delivering the same to any part of the City.

To our friends from the Country this system presents itself for their consideration. They can give their checks, etc. to our Messengers on the Cars and Boats and feel perfectly sure that all will be safely and promptly delivered, thus saving any trouble with Hackmen or Job Wagons.

The Street Cars run from all Depots to the different Hotels.

Fruit or other Freight consigned to our care will be promptly delivered, and Freight Bills paid.

Mark Care of

"S. F. Package Express Company,"

Commissions for the purchase of goods in this City especially solicited, and articles forwarded as directed.

This Company commends itself to the General Public. The same system has been long in operation in Eastern Cities with great success.

GENERAL OFFICES:

222 Montgomery St., opposite Russ House,

AND

211 and 213 California St., near Battery.

D. V. B. HENARIE, Pres.,
T. A. MUDGE, Secy. and Treas.,
H. B. MURRAY, Supt.

31-19

CAREFUL DIRECTIONS.

We would most particularly desire our correspondents to be very careful in sending their Letters, Orders and Remittance to us, as there are several firms of Warren & Co., and unless the address is very plainly marked mistakes will arise.

All Letters, Orders, Parcels, &c., intended for this office should be addressed WARREN & CO.,
California Farmer Office

Miscellaneous

PRESERVE JARS.

The Best Patent Preserve Jar Manufactured.

MOORE JAR.

FOUR SIZES:

Pint, Quart, Three Pint and Gallon

HAYNES & LAWTON,

216, 218, 220, 222 Sansome st. San Francisco,
183 Main street, Stockton.

31-21

FIREWORKS!!!

AT

REDUCED RATES.

A. GIORGIANI

FRUIT STORE,

No. 421 Washington St. opposite Postoffice,

Laboratory, Van Ness Ave. near Polk St.

A LARGE VARIETY OF FRESH

TROPICAL FRUITS

ALWAYS ON HAND.

31-21-1m

JUST ARRIVED!

HALL'S IMPROVED

STEAM

THRESHING MACHINES

Having a Shoe with Seive 48 inches long, and the large

Iron Planet or Smith Horse Power.

ALSO,

Indianopolis STEAM ENGINES,

Made by Sinker & Co.,

TOGETHER WITH

PORTABLE STEAM ENGINES,

Expressly for Threshing.

PATENT SELF-OILERS

For Cylinders and other bearings, warranted to save one-half the oil formerly used and have the bearings always lubricated.

MACHINERY OIL AND AXLE GREASE,

Warranted not to gum.

Mowers, Reapers, Headers, Etc.,

On hand and made to order, Grain Carriers or Drapers for all the different Machines, Header Belts or Drapers, Seives or Riddles, Screens, etc.

Extras of all descriptions constantly on hand

JOHNSON'S UNION

Washing Machine and Wringer,

The Best in use.

WM. LYNE,

115 and 117 Davis Street,

Between Sacramento and California,

SAN FRANCISCO.

31-19

WALTER BROWN & CO.

WOOL

COMMISSION MERCHANTS,

26 and 28 Park Place,

21 and 23 Barclay Street,

WALTER BROWN,
HENRY T. BROWN. NEW YORK.

21-22-1y

WHO MAKES SCRAP BOOKS.

'Tis said "In the making of Books there is no End," and we know there are many persons who are always interested interested in SCRAP BOOKS, now to all such persons, we have some very important information which will benefit them.

It will be seen by our advertisement of OLD NEWSPAPERS FOR SALE that we can furnish just the *right material for Scrap Books*, for we have in this collection of Old Newspapers, a series of papers of 10 to 16 years and from every State in the Union, and also European papers; also select scientific and literary papers, Journals of all kinds, In these papers will be found much of the best Poetry of the age, also Stories, Anecdotes, Recipes &c., all very valuable, and these we shall offer at the low rate of $2 50 to $3, per hundred. Many of these are 12, 16 and 20 page pamphlets and magazines and other periodicals, those who want these collections will address

EDITOR CAL. FARMER.

Home Miscellany.

[For the California Farmer.]

WILLIE.

BY BERTHA DAY.

I wait upon the hearts of love,
That bend unto me just above
My feeble reach, who are to come
And take me to that Heavenly Home.

When Angels gather round my bed,
And spread their wings above my head,
They hide my trusting heart from harms,
Folding me in their spirit arms.

Away from sin, away from mirth,
And all the crimes and woes of earth,
To live with them in worlds of bliss—
Then I'll forget the woes of this.

CHINA IN OUR KITCHENS.

In those days when the Boston stage-office was in Elm street, girls with blooming cheeks came from the pine woods of Maine, the breezy hills of New Hampshire, and the green valleys of Vermont, to do housework in the city. They arrived by stage over Charlestown Bridge, and beheld with wondering eyes the shipping in the harbor. Westward they saw the spires of Cambridge, while before them rose the city of Boston with its labyrinth of streets and lanes. Down through Union street galloped the horses, the people rushing to their doors and windows to witness the event of the day—the coming-in of the stages—and refreshing their eyes with the sight of health and beauty.

The stage-coach with six horses on the run was the highest ideal of progress. Society, at that period, moved only at the rate of nine miles an hour. Farmers from all "Down East," from the Canada line, and from the Berkshire hills, came in midwinter to Boston market, and there was an annual throng of red sleighs round Faneuil Hall. In those years there was no lack of children in the land, and M. D.'s and D. D.'s did not feel constrained to write tracts and deliver lectures to the women of America upon the baby question. Farmers had daughters by the half-score, who could spin, weave, knit, sew, milk, make butter and cheese, and who, by hard work from dawn to twilight, at the wheel and loom, could earn fifty cents a week.

Those who had a surplus of daughters were always on the lookout, when at market, for situations where a dollar a week and board could be earned by Jane and Mary; so, when the girls came whirling into the city in the stage, they knew where they were going, and what wages they were to receive; for it had all been settled by the prudent father.

Ah! there were capital chambermaids and cooks in those days, many of whom have bloomed into matrons during the lapse of years, and are now sitting in their parlors, vainly wishing that they could find girls as willing and capable to work for them as they had been for others, and sighing for those good old times when there was respect between employer and employed, and when respect and confidence often ripened into friendship and affection.

But the times are not as they were; neither are the servants. The farmers' daughters have disappeared; we ne'er shall look upon their like again. The new servants have come; we never looked upon their like before.

The change from the old to the new was like the coming on of an eclipse—like the transition from light to darkness. We know when the obscuration began, and many a vexed housekeeper would like to know when it will end. It began in that year when three men went up from Boston, and lounged along the banks of the Merrimack, at Pawtucket Falls, pretending to be fishing, but in reality speculating how they might dam the river. Their brains were full of wheels, and their thoughts were spinning down the current of time. They bought the waterfall, dug a canal, erected a row of brick buildings, filled them with machinery, scoured the country, gathered up the farmers' girls, gave them a chance to earn four dollars a week, and the result of it all is Lowell, Lawrence, Lewiston, and a score of manufacturing towns.

It is a mystery to know what becomes of all the pins, and equally a puzzle to know what has become of the farmers' daughters. They were in the factories, but nearly all of them have disappeared. Ireland is tending looms in mills as well as holding sway in our households.

"Do you know of any American girls doing housework in the city?"

I have put this question to several of my lady friends, and the invariable answer has been: "No; not one."

And yet there *are* some, as I have ascertained by inquiries at intelligence offices. Of house-servants in cities about one in a hundred are of American parentage. In the country and in suburban towns the percentage is larger; for the daughters of Cork and Killarney prefer the city to the country, while American girls, as a rule, are more willing to go where they can have fresh air, and where they will not be compelled to climb from basement to attic several times a day.

From some cause or combination of causes—the increase of wealth and consequent increase of luxury, hot-air furnaces, close rooms, warm bread, want of out-door exercise, and a following of fashion, American women are less able than in former years to do their own work, while, at the same time, there is vastly more to be done. There was a time when two girls were sufficient for a household of twelve; but in these days twelve servants are sometimes required for a household of two. It has come to pass, therefore, that Ireland is getting on bravely, not only at the ballot-box, but in our kitchens and chambers as well.

The supply of house-servants not being equal to the demand, the employed are able to dictate terms and take such liberties, that it is not definitely settled whether the woman who sits in the parlor or the lady who makes the beds is mistress of the establishment.

During the war, when fugitives from slavery flocked northward in search of employment, there was some prospect of relief for afflicted housekeepers; but, like birds of passage, our colored allies have nearly all flocked back to Southern climes. The mercury drops too near zero, and the winters are too dreary for their comfort, here.

It is apparent that, if we are to have our dinners cooked and beds made by other hands than those of our wives and daughters, we must look in some new direction for help. Thus far, most of our domestics have come from the other side of the Atlantic. Ireland has been emptying itself into America at an astonishing rate; but the supply is running short, and the prospect of liberal legislation has already had its effect on emigration. Wages have risen in Ireland as well as here; the lot of the peasant has improved—his future is brighter. Why then should he leave the greenest isle under the sun? Throughout Europe liberal ideas are gaining ground; the people are obtaining such influence as they never enjoyed before, under these circumstances there is more inducement for them to remain where they are. Land in the United States is dearer than it has been, while the cost of living has also increased greatly; and the prospect now is that there will be a gradual falling off in emigration from this time forward unless it is stimulated by unforeseen events.

The difficulty of obtaining good house-servants, united with false conceptions of the aim and end of life, has driven multitudes out of their own homes into boarding houses and hotels. A story both pathetic and amusing might be written concerning the trials and experiences of housekeepers, the mistakes of the cook, the tantrums, the sulks and saucy words of the chamber-girl, the petty pilfering and wholesale robberies by both, and their leaving at a minute's notice. Undoubtedly there there are two sides to all stories, and Bridget's is very doleful when rehearsed to sympathizing friends, for it is a story of the bad temper of mistresses, and the perfect slavery to which the servant is subjected.

On each side it is a tale of antagonisms rather than of good-will, and there is very little sympathy or esteem between employer and employed. Democratic ideas, universal suffrage, and a lack of servants, are just now in Bridget's favor. Having become mistress of the situation, she does not hesitate to make her power felt.

But it also happens just now that we are laying down a service-pipe to an immense reservoir brimming over with labor. The Chinese have already found their way to our Pacific coast. They are at work on the railroad, in mines, forests, fields, factories, and the kitchens and chambers of our friends in California. They are in Oregon, Montana, Nevada, and Idaho. When the Pacific Railroad is completed, they will be at Salt Lake City and Omaha, and in time will make their appearance in Chicago and Boston.

But Bridget and Patrick already comprehend the situation of affairs, and have declared war against the interloping Celestials. The possibility that Hop Kee and Woo Choo may be able to solve the servant-girl problem leads us to consider the qualifications of the Chinese, not only for general labor, but for household service.

The supply of labor in China is unlimited. We are to think of a territory not larger in area than the United States east of the Rocky Mountains, but containing a population of 400,000,000. One half of the people are only able to gain their daily bread. Two hundred millions in that country have faint hope of ever making any headway, and hence the readiness to seek their fortunes in foreign lands. They are at Singapore, where several hundred thousand have taken possession of the lower end of Malacca, and trade with vessels touching at that port. They are on all the islands of the Indian Archipelago. They swarm in the gold-fields of Australia; the Sandwich Islands will soon be in their hands, and they will supply San Francisco with sugar. They are to be found all the way from Chili to Oregon.

Nearly all those who are thus seeking their fortunes abroad are from Southern China, where a remarkable spirit of enterprise and adventure has been lately developed. Companies, like those established in London two and a half centuries ago for the settlement of North America, have been formed at Canton and San Francisco for the encouragement and protection of the Chinese emigrants. The one hundred thousand now in this country are but pioneers of the millions who will follow by and by.

It is evident that henceforth we are to look westward, as well as eastward, for laborers. We are accustomed to think of the Chinese as belonging to a degraded race, ignorant of civilized life, and unable to compete with the skilled labor of Europe. But we have this fact before us, that China as a nation makes the whole world her debtor.—We want her tea and silks, and can obtain them only by paying cash. We have also the fact that the Chinese have established themselves in the woolen mills of California, producing cloth which won a prize at the World's Fair.

It would not be strictly accurate to say that they have driven Patrick from the railroad and Bridget from the bed-chamber, for these worthies were not present in California when wanted; but Hop Kee and Woo Choo, being there, took up the shovel and broom, and having acquitted themselves to the satisfaction of their employers, will remain.

"But what sort of servants do they make?"

The question was put by our next door neighbor, whose Christian fortitude is sorely tried by what goes on in the kitchen, and what doesn't go on up stairs.

Let us look at the peculiarities of a Chinese servant. He is small in statue, has a solemn countenance, twinkling black eyes, retreating forehead, high cheek-bones, and broad, flat nose. He will never be hung for his beauty. He wears a blue cotton tunic reaching to the knees, large, flowing trousers, and thick-soled slippers turned up at the toe. All his hair is shaved off except a small portion upon the crown, which is braided into a cue reaching nearly to the floor. When about his work it is coiled upon the top of his head, but it would be a breach of politeness were he to appear before us with his pigtail thus arranged. It must be at full length, to show not only his respect for us, but for himself.

It would be strange indeed if all his habits of life commended themselves to us at first. He has been poor in his own land. Cleanliness is not set down there as being next to godliness; washing-days do not come regularly every Monday. But he is imitative and quick to learn. He is not an expert in pastry, but show him how to make one pie and he will make a dozen—a thousand if you wish—precisely like the pattern; with just as much dough for the crust, the same amount of spice to a grain, and with twelve holes and no more in the upper crust, if you made so many, to let the steam out, though he will have no idea of their use.

He works patiently, and will not stipulate for three evenings a week to visit friends. St. Patrick's day is not in his calendar. He wants only a week at New Year.

The Chinese are not disposed to be aggressors upon the rights of others, neither will they allow any infringement of their own. They wage no war, but, if treated unkindly, quietly go their own ways, seeking business somewhere else. "I no do for you, you no do for me. I go." And he is off at once. He fully understands what some Anglo-Saxons as yet have failed to comprehend, that the hiring of servants does not include the privilege to abuse them.

"But are they not a thievish set? Won't they steal all they can lay their hands on?" asks my excellent neighbor, whose napkins, towels, sheets, and pillow-cases have mysteriously disappeared, and the chamber-girl has no idea what has become of them. The sugar bucket gets low very often. The tea-caddy wants replenishing every week; and although there are only four in the family, a firkin of butter lasts, to use the words of the lady, "no time at all."

"I have my suspicions," she adds, "as to what becomes of a large portion of our groceries."

Having suspicions, though she does not declare them, it is perfectly natural that she should ask if the Chinese are not a thievish set. Upon this point we give the testimony of those who have employed them.

"I have had a Chinaman," says a gentleman of San Francisco, "nine years. When he came into my family he could not speak a work of English. He knew nothing about cooking. My wife went into the kitchen and showed him how to make a pudding and a pie, and after a few days' observation he mastered the mysteries of the culinary art, and has cooked to our satisfaction from that time to the present. He is faithful and honest. I would intrust every dollar of my property to him as soon as I would to one of my own countrymen."

Another gentleman gives this testimony:

"I have had a Chinese servant several years, and when I go into the country I leave my house in John's hands. He hides my silver plate and other valuables, and does not leave the premises a minute. When I return I find everything in perfect order. I do not think he ever took a dollar that did not belong to him, though he has had opportunities to do so. He purchases all my groceries, and invariably makes better bargains than I can myself. I would trust him quicker than I would many Americans in my employ."

The Rev. Mr. Nevius, ten years a missionary among the Chinese, thus speaks of their qualifications:

"It is the testimony of foreigners that the laboring classes make excellent servants. There are exceptions to this statement, some persons representing them as very inefficient and unreliable.—The probability may be inferred, in these cases, that the employers have been unfortunate either in the selection or management of those in their service. During our residence of ten years in China, we hardly ever had occasion to dismiss a servant; in nearly every case a strong attachment sprang up between them and us; and in more instances than one, I have felt personally grateful for services and attentions which I could not reasonably have required, and which were all the more gratifying because rendered spontaneously and heartily. The only thing which I recollect to have had stolen was an old clock, which was taken by an opium-smoker, and found a few days afterward. We had so little fear of theft that our doors and drawers were often left unlocked, and servants and numerous visitors had free access to every part of our house. I am aware that others, both missionaries and merchants, have had a different experience, and that, especially in the foreign communities, it is as dangerous to leave coats and umbrellas near the hall-door when unlocked as it would be in New York or Philadelphia. I have traveled hundreds of miles in the interior, at different times and in different parts of the country, sometimes entirely alone, and have been completely in the power of perfect strangers, who knew that I had about my person money and other articles of value, but have always felt nearly as great a sense of security as at home, and have hardly ever been treated with rudeness or violence, although I have been often annoyed beyond measure by exorbitant charges and useless detentions. I have heard the testimony of prominent merchants who have had large business transactions with the Chinese, both in China and California, who have represented Chinese business men as very prompt and reliable in meeting their business engagements. The confidence often placed in Chinese agents is seen in the fact that they are sent into the interior with large sums of money to purchase silks and tea, the persons employing them having no guarantee or dependence but that of their personal honesty. I have known genuine 'one-priced stores' in China where you are sure to obtain a good article at a reasonable price. There are also false 'one-priced stores,' and it is not safe to trust them from simply looking at the sign.

I may say further, that I have met with some of the most beautiful instances of affection, attachment, and gratitude in China which I have ever known; and that it has been my privilege to form the acquaintance of not a few Chinese, whom I regard with more than ordinary affection and respect, on account of the natural amiability of their dispositions, their sterling integrity, and thorough Christian principle and devotion."

We are not from this testimony and high praise to conclude that there are no thieves in China, or that all Chinamen will make good servants; but from diligent inquiry, at Canton, Shanghae, Hankeoo, and San Francisco, of men who are best acquainted with Chinese character and morals, I believe that there is not so much crime in that empire in proportion to the number of the population as in the United States. This may be a startling admission, certainly it is an humiliating one. I am assured by American traders in Canton and Shanghae, that there are no men in the world who have higher commercial integrity than the great Chinese merchants. "I know," said a gentleman at Shanghae, "men who are worth fifty million dollars, and I believe they would lose every cent of it rather than break their word."

It is not pleasant to contrast this scrupulousness with operations in Erie Railroad stock in Wall street, or with daily transactions in gold and bonds, in the great commercial centres of this country. The time may come when we shall revise our opinion of the Chinese, and instead of setting them down as a nation of "thieves and liars," shall arrive at a truer estimate of their character.

It will probably be some time before Chinamen will make their appearance in our Atlantic cities. Those who take up their abode in California do not intend to make it a permanent home. Wife and children are left behind, and emigrants hope to go back after having accumulated a few hundred dollars. As yet the Chinese know little about us, and what knowledge they have is not altogether to our credit. They think of America as a country abounding in gold, where provisions are plenty and where high prices are paid for labor; but those who have been here have harrowing tales to tell of the state of morals. We are a nation of thieves, swindlers, and murderers. In our railroad stations, in public halls, in cabins of steamboats, there are placards cautioning the people to beware of pickpockets. The newspapers are filled with accounts of murders, poisonings and robberies. In the largest city of the country twenty-two hundred policemen, armed with clubs and revolvers, are required to look after the ruffians, and, notwithstanding their vigilance eighty thousand crimes are committed during the year. Forty jails are filled with criminals, to say nothing of the large number daily sent to the houses of correction and the penitentiaries. If there is so much crime in one city, what must the aggregate be throughout the country?

Chinese who are in comfortable circumstances will not leave their homes to trust their lives in a country where boys pelt them with stones, where rude men kick them from the sidewalk into the gutter, where they are plundered without finding redress in the courts, and maltreated not only by any ruffian upon the street, but outlawed by the State itself, as in California and Oregon.

It is only the lowest class of Chinese that have thus far reached our shores as servants and laborers; but let these receive kind treatment, let them have the same protection for life and property which is given to all others, and in time a different class will make their appearance. It would be comparatively an easy matter to obtain Chinese labor through the societies already established at San Francisco and Canton. These are not emigration companies, but mutual-aid societies, and they might be used for conveying information to the millions in China concerning the field open here to laborers of every description, but especially to house servants. Although the Chinamen cannot speak a word of our language when they arrive, in a few days they master enough to understand what we want.

It is to be hoped that, as the Pacific Railroad is now completed, the experiment of bringing to this side of the continent some of the Chinamen now employed as house servants in California will be tried. If they prove to be as good as they have been represented, housekeepers may regain their lost liberty.—*Atlantic Monthly.*

THE YOUNG WIFE.

It takes a hero to be economical, says Miss Mulock. "For, will she not rather run in debt for a bonnet than wear her old one a year behind the mode? Give a ball and stint the family dinner for a month after? Take a large house, and furnish handsome reception rooms, while her household huddle together anyhow in united attic bed chambers, and her servants shelter on shake-downs beside the kitchen fire? She prefers this a hundred times, to starting plainly by word or manner,—"My income is so much a year—I don't care who knows it—it will not allow me to live beyond a certain rate; it will not keep comfortable my family and acquaintance; therefore, excuse my preferring the comfort of my family to the entertainment of my acquaintance. And, society if you choose to look in upon us, you must take us as we are, without any pretenses of any kind, or you may shut the door, and—good-bye?"—*Randolph Plaindealer.*

Miscellaneous.

GEO. O. WHITNEY & CO.

PIONEER

FURNITURE

AND

Upholstery Warerooms

MANUFACTURERS

AND

IMPORTERS.

ESTABLISHED 1850.

HAVE RE-OPENED AT THE NEW AND SPACIOUS BUILDINGS,

No. 319 and 321 PINE STREET,

Where will be found the most EXTENSIVE AND VARIED ASSORTMENT OF GOODS in the above lines ever before exhibited for sale on the PACIFIC COAST

OUR

HOME INTERESTS.

APPRECIATING THE INJURIOUS EFFECTS that will inevitably result to the material interests of this State and of its citizens, by the PERMANENT withdrawal from circulation of nearly two millions of dollars annually (an existing fact and the probability that unless checked this large sum of money will be increased each year until in a very few years, it will amount to the enormous sum of TEN MILLION OF DOLLARS or more, PER ANNUM, to be sent East for investment in the purchase of Life Insurance, instead of being retained at homes to promote and foster its INVESTMENT HERE the commercial, mechanical, and agricultural interests of our State, a large number of the prominent business men of San Francisco resolved to provide a way, by means of which this GROWING EVIL could be checked, and the citizens of this and the other States of the Pacific Coast be given an opportunity to obtain insurance on their lives in a reliable HOME INSTITUTION, *whose capital and assets will not be impaired or importantly affected by the change in values that will sooner or later occur by a return to specie payments in the other States of the Union.* Actuated solely by these motives, they organized and incorporated "THE CALIFORNIA MUTUAL LIFE INSURANCE COMPANY," of San Francisco, and they now look to the citizen of this State, who feel an interest in its progress, to second them in their efforts to check the evil complained of. This can only be accomplished by patronizing exclusively a Home Company.

It is believed that when our citizens fully realize the importance of the facts above stated, they will not require further argument to induce them to patronize

THE CALIFORNIA

MUTUAL LIFE

Insurance Company

Of San Francisco.

OFFICE NO. 13, MERCHANTS' EXCHANGE.

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All policies issued by this Company are, by the laws of California, EXEMPT FROM ATTACHMENT OR EXECUTION FOR DEBTS, whether the policy be in favor of the party assured, or of any other person.

Policies are made non-forfeitable after two annual payments.

ALL PROFITS divided among the assured.

One half of the annual premium loaned to the assured at any time when desired.

Thirty days' grace allowed in the payment of renewal premiums.

This Company offers to those who have paid up three premiums in cash for two or more years, the advantage of giving notes for the whole amount of their annual premium for a period *corresponding* to the time they have paid up, and by merely giving their note, and paying the interest in advance.

WM. R. WHEATON, General Agent.

FLORENCE

The Best for Family Use,

Having the Celebrated

REVERSIBLE FEED AND

SELF-ADJUSTING

SHUTTLE TENSION

To the President of the California State Agricultural Society:

Your Committee on Sewing Machines beg leave to report that we have examined the several Sewing Machines on exhibition—the Wheeler & Wilson, Grover & Baker, and FLORENCE—and find that for general family use the FLORENCE IS THE BEST.

J. N. ANDREWS,
THOS. O. McHALE,
L. ELKUS.

SAMUEL H. HILL, ... AGENT.

Miscellany.

WANTS.

Many people, says the "Fat Contributor," are in perpetual fear that they will "come to want;" and when is there a time in any one's life that he don't want something? Some want one thing and some another. The baby wants to stick his thumb in his eye, kick over the teapot and wants his three meals a day. The little boy wants a top, a rocking-horse, and a licking at regular intervals. The little girl wants a doll, and wants to play out doors with the boys. A little older, the girl wants a beau, and the boy wants a bow-an-arrer. The young lady wants a piano and a Grecian bend, invitations to the opera, and the exclusive use of the front parlor Sunday nights. The young man wants a fast horse, a diamond pin, credit at the tailors, a moustache, gin cocktails, and no words from the "old man." Mature matron wants a select circle of society, carriage with a liveried driver, the best pew in church, president of some fashionable benevolent society, wealthy matches for her daughters, and no foolishness. Masculine maturity wants safe investments, credit at the bank, few friends, plain clothes, daily paper, an eleven o'clock "tod," prompt dinner, slippers, and a "nightcap." Old age wants to keep up a pretense of being young sometimes, but generally wants only a quiet place to die in.

There are millions of wants on this earth, without considering whether or not the other planets are inhabited. A vast multitude want "situations," while another horde, finding themselves in a "bad situation," want to get out of it. One woman wants a new bonnet, another wants a divorce. Grant wants "peace," and Mrs. Dr. Walker wants a Government office. Thousands want lodging at night, and other thousands want a drink in the morning. Thirsty loafer knocks at a saloon door at 5 A. M.; he wants to get in. Captured covey in jail; he wants to get out. Some want glory, and enlist at thirteen dollars a month to get it; some want hair on the top of the head; some want a leg or an eye; thousands want to get married; a few want to die; many want to join a club, *and all want money.*

A Novel Check upon Street Railroad Conductors Proposed.—The various street railways in Cincinnati are about to adopt a rather novel plan to act as a check upon their conductors, some of whom, they claim, do not make full returns, and which has been suggested to the managers of the roads by a well known citizen who has had considerable experience in railroading. The plan is to place in the hands of the conductors packages of small car tickets, with a corresponding number on each end, to be torn in two in the middle, which the conductor is compelled to distribute among the passengers who pay their six cents fare. The ticket, when the passenger pays his fare, is torn in two, he retaining one half with a number upon it, the conductor depositing the other in a box. The gist of the matter is that the proprietor of the plan suggests that at the close of each week the half tickets in the hands of the company shall be put in a box and one ticket drawn out, and the passenger holding the other half ticket with the corresponding number shall be entitled to fifty dollars, to be paid by the company. The projector claims that the companies can afford to pay this sum every week, as they will save thousands of dollars in adopting this plan.

Carolina Newspaporial.—There has been a new use found for old newspapers. They are now made over into paper petticoats, which are coming into general use in London. The mind shrinks from the contemplation of what would necessarily happen to the wearers should they be accidentally caught in a rain storm.

—Manchester, N. H. has a schoolmaster who is a notorious punster. At the late teachers' institute, when a call was made for a name for New Hampshire boys, "Granites" was suggested. "Yes" said the wit, "the boys are granite and the girls are primx."

—At a social meeting of negroes in Baltimore, a few days ago, the following toast was offered:—"Our wives and daughters—may the women of our race never unsex themselves by becoming strong minded."

ECONOMY WASHING MACHINE!

A new lot of the above named Machines, including all the latest Improvements, are now ready for sale and can be sent to any part of the State.

Sixty one (91) Machines are now in use in this County Township, where they were Invented, and still Manufactured.

Price of Machine, ... $25.

Letters directed to JONE M. HORNER, Mission, San Jose, Alameda County, will receive prompt attention.

20,000 NEWSPAPERS.

We Have Twenty Thousand Newspapers—Newspapers of the largest size among our Exchanges, suitable for Wrapping Paper for Dry Goods, Clothing, etc.

—Also—

TEN THOUSAND

Of the best Agricultural Papers known, comprising our various Agricultural Exchanges from all the Eastern States and Europe. Farmers who would like valuable reading matter, which contain choice Essays and Letters on Agricultural matters, can have these at low rates by the 100. Apply at FARMER OFFICE.

CRANBERRY PLANTS.

The Genuine *Bell Cranberry Plants*, just received by express route, in the most perfect order, only a few days on the way.

This is now a grand chance for those who have "*Take root*" for if planted now, they will begin to yield the next season.

Apply at

FARMER OFFICE.

New Advertisements.

GYPSUM. (Sulphate of Lime.)

This well known but most wonderful fertilizer has not yet been practically introduced into the Agricultural interests or before the minds of our California cultivators, for the reason that there was no supply, and because it was hard to make them believe our lands needed manuring.

The time, however, has arrived when, by the admitted fact of the deterioration of our soil and the lessening of crops, something must be done to restore the soil and bring it into that state of fertility necessary to make it profitable to cultivate the soil.

Gypsum is a compound of Sulphuric Acid and Lime, and the object of this fertilizer is the fixing of Ammonia, thus making it the direct food of plants, either by supplying the Sulphate of Lime or by its decomposition, affording the Sulphur so necessary to the due development of certain plants.

Sprengel's Analyses shows the quantity of Lime and Magnesia, Sulphuric and Phosphoric Acids to be very large in the following plants, and for these this fertilizer has no superior:

Wheat, Barley, Oats, Potatoes, Cabbage, Swedish Turnips, Clover, Beets, Turnips, and root crops generally; thus ensuring to a certainty its great importance to the Farmers.

Liebig's Natural Laws of Husbandry gives conclusive proofs of its superiority as a fertilizer on Clover and Grasses, furnishing details of experiments made by distinguished men in various parts of Europe.

According to the experiments made by Buckholtz, Gypsum is composed of *thirty-three* parts of Lime, *forty-three* of Sulphuric Acid, and *twenty-four* of the water of crystalization.

Gypsum is often called Plaster of Paris, but this is wrong—it only takes that name and character when it has been deprived of its water of crystalizates by fire; there it becomes *Calcined Gypsum* or Plaster.

Gypsum for Dry Countries like California, will prove immensely valuable, as when used as a fertilizer in our hot and dry soil, its waters of crystalization are seperated by means of our hot climate and go at once to benefit the plants, while the Acids and Sulphate of Lime is taken up by the soil, enriching it to a very great degree.

The undersigned is now prepared to furnish this valuable fertilizer by the quantity to all who desire to try its well attested virtues.

CHAS. J. JANSON,
222 BATTERY STREET.

31-19

To Hay-Makers!

The Great Stacking Fork.

We offer to the Hay-Makers of the Pacific Coast, the Celebrated

HARPOON HAY STACKING FORK

One of the best inventions of the age. With this Fork, A Great Saving of Time, Strength, Labor and Expense is made, as it is indeed a very valuable and important implement, both to Hay Makers and Grain Growers. This machine is used to load and unload Hay or Grain Waggons to Barn or Stacks, and is very extensively used at the East.

We have received a few of these Implements which can be seen at our Office. Having more on the way, we are prepared to take orders for them in quantities to suit the trade, as we have the Agency for the sale of them for the Pacific Coast.

Sample Implements, and all Particulars at our Office.

WARREN & CO.,
"Farmer Office," 320 Clay Street, up stairs.

CAST-STEEL DAIRY KNIVES

We have received Invoices of the Celebrated

Cast-Steel Dairy Knives,

Manufactured by D. G. Young of New York. We have them of all sizes, from those of FOUR BLADES to cut FIFTEEN INCHES, up to THIRTEEN BLADES to cut TWENTY INCHES.

These Knives are of very great advantage to Dairymen, and are worthy their attention.

For sale by WARREN & CO.,
"Farmer Office," 321 Clay Street, up stairs.

THE LAWS OF NEWSPAPERS.

1. Subscribers who do not give express notice to the contrary, are considered as wishing to continue their subscription.

2. If subscribers wish their papers discontinued, publishers may continue to send them until all charges are paid.

3. If subscribers *neglect* or *refuse* to take their papers from the office or place to which they are sent, they are *held responsible* until they *settle* their bills and give notice to discontinue them.

4. If subscribers move to other places without informing the publisher, and the paper is sent to the former direction, they are held responsible. Notice should always be given of removal.

5. The courts have decided that refusing to take a paper or periodical from the office, or removing and leaving it uncalled for, is *prima facie* evidence of intentional fraud.

Postmasters would oblige, by a strict fulfillment of the regulations requiring them to notify publishers, once in three months, of papers not taken from their office by subscribers.

Under the law of Congress papers are not charged postage in the county in which they are published.

Miscellaneous.

A PRINCELY RESIDENCE IN THE COUNTRY FOR SALE.

To any wealthy person who desires to retire from the drudgery of a business life in the city, and enter upon a newer and better and happier life in the country, a life, where by the cultivation of a higher taste and a nobler pursuit than that of mere merchandizing, he can still have plenty of business to occupy his mind and his leisure time, and at the same time secure to himself

A PRINCELY HOME,

And while enjoying this, can, if he so desires, add to his income yearly, by wisely using this home and gathering the products. Such a place can be had, already complete to the taste, and in one of the most healthy localities in our State.

This place is now offered for sale, only by reason of the absolute necessity of the present owner going abroad. Any person who is willing and desirous of investing *Forty or Fifty Thousand Dollars* in such a place—Beautiful in all its surroundings, and Fruitful as the very Garden of Eden, with all manner of luscious fruits, and where, with a judicious care and management, the entire cost of the place could be returned again in four years *by its productions*, can learn of the opportunity by applying to the Editor of the Farmer. No person need apply unless with the means to fulfill contract.

Real Estate, or other property, in San Francisco, at Gold Value, will be received in part payment, and *Statistical proof given* to show the real income annually of this rich and fertile spot.

Inquiries and letters addressed to this office will be promptly attended to. WARREN & CO

A COMPLETE TRIUMPH!

N. P. COLE & Co.,

Manufacturers, Importers, Wholesale and Retail Dealers in

FURNITURE

—AND—

BEDDING,

HAVE BEEN AWARDED A

Silver Medal and Diploma

FOR THE BEST

CHAMBER, DINING

—AND—

Parlor Furniture,

Including our WHOLE DISPLAY at

MECHANICS' INSTITUTE FAIR.

We are now prepared to offer the

BEST GOODS

IN THE MARKET AT VERY LOW PRICES.

N. P. COLE & CO.
310, 312, 314 Pine Street,
30-10 SAN FRANCISCO.

Harness. Saddles.

MAIN & WINCHESTER

Manufacturers AND Importers of

HARNESS,

Saddles, Bridles,

WHIPS, COLLARS

SADDLE-WARE, &C.,

Nos. 214 and 216 Battery street,

SAN FRANCISCO.

☞ To correct an erroneous impression which some may have, we wish it understood that though we keep the largest Wholesale Stock in the country, small Orders and Retail Customers will receive every attention and benefit that they can at smaller establishments.

FARMERS and others will do well to call on us before purchasing, as the rate of Eastern Exchange justifies us in offering goods at REDUCED RATES

N. B.—

We have the Exclusive sale of HILL CONCORD HARNESS, for the Pacific Coast.

Advertising Abroad!

We call the special attention of all Manufacturers, Agricultural Men, Nurserymen, Booksellers, and others having interests connected with the Pacific Coast, that now is the time to secure the business of this region by wisely ADVERTISING WITH US.

The full effects of the completion of that Grandest of all Human Enterprises, the Pacific Railroad, must open a large and wonderfully increased business between the Eastern States and the Pacific Coast, and the who wisely advertise now, will be the first to secure it, and when once secured, they can hold on to it.

We therefore invite all those who have valuable Implements, Manufactures, Inventions, Books Paintings, etc. to the Columns of the California Farmer, that will give them a wider circulation than any other medium they can adopt

WARREN & CO., Eds. and Prop'rs.

Insurance.

PACIFIC INSURANCE COMPANY

OF SAN FRANCISCO, CAL.

Office, No. 436 California Street.

CASH CAPITAL	$750,000 00
SURPLUS, July 1st	363,862 82
CASH ASSETS	$1,113,862 82

All Losses Paid Immediately in United States Gold Coin.

FIRE
OCEAN,
MARINE,
INLAND
INSURANCE.

The Pacific Insurance Company having arranged with Messrs. BIGELOW & BROTHER for the transfer of the business of the Fire Insurance Companies lately represented by them, is now prepared to offer to all parties formerly insured by said Companies, equally good terms and prompt payment of losses, in United States Gold Coin.

MR. H. H. BIGELOW will be the General Agent for this Company from this date.

Director of Pacific Insurance Company.

San Francisco:
Louis McLane,
W. C. Ralston,
A. L. Tubbs,
Wm. Alvord,
Frederick Billings,
Jonathan Hunt,
A. B. Forbes,
A. G. Stiles,
A. Seligman,
L. B. Benchley,
Wm. Sherman,
L. Sachs,
Jas. De Fremery
J. G. Bray,
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David Stern,
D. O. Mills,
J. G. Kellogg,
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Moses Heller,
H. M. Newhall,
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Edward Martin,
Chas. Mayne,
Moses Ellis,
E. L. Goldstein,
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Lloyd Tevis,
Geo. W. Beaver
Adam Grant,
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Morton Cheesman,
H. Hansemann,
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J. H. Jewett.

Stockton:
T. R. Anthony.

Portland, Oregon:
W. S. Ladd,
Jacob Kamm.

Virginia, Nevada:
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A. J. RALSTON, Secretary,
C. A. LATON, Marine Secretary.
H. H. BIGELOW, General Agent.

T. C. Grant, J. E. Bigelow, } Local Agents. 17-26

HUCKS & LAMBERTS'

CELEBRATED PATENT

H.&L. AXLE-GREASE

This Extraordinary Lubricating Compound

Is produced by a chemical combination of suitable oily substances, purified by distillation, and

EFFECTUALLY

Freed from the resinous or pitchy matter which attaches to all oils, more or less, in their natural or unrefined state. In operation, the PATENT GREASE, works free from Comb, or Gum;

PREVENTS

Friction by keeping the heaviest bearings in a soft oily state to the last; and, as its consistency is not altered by exposure to the hottest sun or coldest frost, (its liquifying point being 200 degrees) it follows that, on axles which have a tendency to become hot from too heavy abrasion, etc., the anti-friction will adhere to an keep them cool, when other substances would run off and become dry; thus the evil known as

"Firing of Wheels,"

Is by its use effectually prevented.

The Proprietors will guarantee one application of their PATENT GREASE to carry the heaviest loaded team from 300 to 500 miles without requiring to be re-greased on the road.

☞ N. B.—We respectfully caution our friends to ask for HUCKS & LAMBERT'S AXLE-GREASE, as there are several spurious imitations in the market, and see that their trade mark,

H. & L.

Is on the red cover of the package

Depot, 320 Jackson Street,

HUCKS & LAMBERT,

Inventors and Sole Manufacturers
146 Natoma street, San Francisco.

FRIEDLANDER'S

NORTH POINT

GRAIN WAREHOUSES,

SANSOME AND CHESTNUT STREETS,

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These magnificent brick warehouses—the largest in the State—are now completed and ready for the reception of storage. The facilities for receiving and discharging are unsurpassed, there being a water front of six hundred feet. Insurance and Advances effected at the lowest rates.

☞ For storage, apply at the Warehouse to

THOMAS H. DOUGLAS,
Storekeeper and Wharfinger.
Or to I. FRIEDLANDER,
112 California street.

Railroad Lands.

Central Pacific Railroad,
Land Department.

Sacramento, March 1st, 1867.

The following statement is made for the information of those who desire to purchase Lands from said Company:

1st. Congress has granted to the Company, all the alternate sections of the public lands designated by odd numbers, within a distance of 20 miles on each side of the railroad;—excepting lands to which a pre-emption or homestead claim had attached prior to the 12th of September, 1862, and excepting lands reserved by the United States as mineral.

2d. The Company has no interest in even sections. To constitute a valid pre-emption or homestead claim within the above exception, the party must have resided on the land prior to September 12th, 1862, and continuously since that time. He must also on that day have been over twenty-one years of age and be the head of a family and have filed his claim in the United States Land Office within the time required by law. If he has not these requisites, or has neglected to file, he will have to buy of the Railroad Company.

3d. All persons who desire to purchase lands from the Railroad Company, including settlers, pre-emptors, and other claimants, should make application to the Land Agent, B. B. Redding, at the Land Office of the Company, in Sacramento, either personally or by letter, describing the land by legal subdivisions. This application will be filed and the party will be allowed three months to complete the purchase, and during this time the land will not be sold to another without giving such applicant thirty days previous notice. If the purchase is not completed within three months, the land will be open to purchase by others.

4th. Persons who have valid pre-emption or homestead claims to any tract on an odd numbered section, can purchase the same from the Railroad Company at the Government price of $1.25 per acre in greenbacks, and upon the usual credit five years if they so desire, by filing an abandonment of their claim in the U. S. Land Office, blanks for which will be furnished by the Land Agent of the Company. Such purchase from the Company has these advantages over a purchase from the Government: The party can leave the land if necessary—he can sell or mortgage it—he is saved the payment of lawyers' fees and expenses of witnesses to go to the Land Office to "prove up" his claim—he can get his title perfected in less time—and he can buy on credit at a low rate of interest.

5th. Actual occupants of lands belonging to the Company, will generally have a preference in the purchase at the regular price. No addition to the price is made where there are improvements on the land made by the settler. Where there are conflicting claimants who apply to purchase, an adjudication of their respective claims will be made by the Land Agent, upon due notice given to both parties.

6th. No lands are sold by the Company or the Government, until after they have been surveyed and the plats returned to the Land Office.

7th. The Company sells ordinary agricultural lands at $2 50 per acre, in gold (except sales to pre-emptors as above). Timber lands, lands in the immediate vicinity of the railroad, and tracts having special value above ordinary farming lands, will be sold at prices and on terms fixed by the Board of Directors.

8th. Persons desiring to do so can buy on a credit of five years by paying twenty per cent. of the price down, and interest annually in advance on the remainder at ten per cent. per annum. Thus a purchaser of one hundred and sixty acres at $2 50, which amounts to four hundred dollars, will pay twenty per cent., or eighty dollars, with interest on three hundred and twenty dollars, which is thirty-two dollars—in all one hundred and twelve dollars, paying each year thereafter thirty-two dollars interest, and the three hundred and twenty dollars at the end of five years. The three hundred and twenty dollars can be paid at any time within the five years, but not by installments, and the purchaser will then be immediately entitled to a deed

9th. Applications to purchase lands can be filed in the Land Office of the Company at any time after the same have been surveyed by the Government; but no applications will be acted upon until three months after the maps have been filed in the United States Land Office. Occupants of the railroad lands who desire to purchase should therefore be prompt in filing their applications in the office of the Company within this time. Blank applications will be furnished to all who desire to purchase. No sales will be made except by legal subdivisions according to Government surveys. Purchasers can buy as large an amount of land as they may wish.

10th. No sales are made by the Company until the land is listed over to it by United States Land Officers. Purchasers are thus assured that the title they obtain is perfect.

B. B. REDDING,
Land Agent C. P. R. R. Co., Sacramento.

S. P. TAYLOR & CO.,

Manufacturers and Dealers in

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All Kinds of Paper made to order.

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30-6

FOR SALE

BY

JOSIAH STANFORD,

SUCCESSOR TO

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123 CALIFORNIA STREET,

SAN FRANCISCO.

DEVOE'S COAL OIL, PARAFFINE, MACHINE, LARD Chimney, Neat's Foot, Sperm, Boiled, Linseed, Polar, Tanner's, Elephant and Binnacle Oils.

Alcohol, Turpentine, Lamp Stock of all kinds.

Gasoline, gravity 84.

Naptha, gravity 63 and 71.

Also Grant's Candles, in lots to suit.

30-17

Produce Markets.

Wholesale Produce Report.

This represents the prices paid by the dealer to the producer on the wharf or landing places.

(Corrected Weekly, by EDITOR FARMER.)

SAN FRANCISCO, July 15.

The Grain Market—What is the condition now?

Two weeks has not made much change in our Market for Breadstuffs. It is reported that the Liverpool market is firmer, but the trifling advance of a *few pennies* on the cental will not affect our market, only as it may not cause a heavy decline.

Now that harvesting is well advanced that our grain growers can begin to market their grain, it is to be hoped that they will remember *last year*, and now that wheat commands a grand paying price, they will not forget that "a bird in the hand is worth two in the bush," and that as we have urged them in our editorial columns, to *Realize* as early as it is possible for them to get their grain to market, they will do so.

The grower must bear in mind that $1 50 the cental now is better than $1 75 a few months hence, for their cash put to interest is increasing, whereas their grain would be adding to its cost by storage, waste, insurance, etc.

By reports in all the Eastern States, large crops will be harvested, and there is no prospect of a better market—nothing indicates a better time than now; besides it is a well known fact that the grain shippers of the last year lost *hundreds of thousands of dollars*. This, therefore, is a clear proof that it "did not pay" to ship at high prices, and they will not do so this year.

California Wool received a check in the Eastern market, by reason of its poor condition, as was well explained by the Messrs. McLennan, Whelan & Grisar, in their Circular, published by us recently. We hope their counsel will be heeded in the future.

Potatoes, Beans, Corn, and root crops are all promising well. The lower portion of our State is waking up to a better action in relation to a general crop.

Flax, Hemp, Castor Beans, and other new crops look well.

For the specific articles in our markets they will always be noted under their several heads.

GRAIN AND FLOU MARKET.

Wheat California, ₱ 100 lbs	$1 40	@	1 55
do Extra	1 55	@	1 70
Barley, ₱ 100 lbs	1 00	@	1 20
Rye ₱ 100 lbs	3 00	@	3 25
Oats, California, ₱ 100 lbs	1 40	@	1 70
Corn ₱ 100 lbs	1 15	@	1 20
Flour, Superfine, ₱ bbl	4 00	@	4 50
do Extra	4 50	@	5 25
Oregon Superfine	4 00	@	4 50
do Extra for shipping	4 25	@	5 00
Corn Meal, ₱ 100 lbs	2 00	@	2 20
Buckwheat, ₱ 100 lbs	2 50	@	3 00
Bran ₱ ton	18 00	@	20 00
Middlings ₱ ton	24 00	@	27 00
Oil Cake Meal, for feed, ₱ ton		@	30 00
Beans, ₱ 100 lbs	3 50	@	5 00
Potatoes Old	50	@	75
Potatoes, New	1 00	@	1 50
do sweet	4	@	8
Onions	80	@	1 15
Hay, ₱ ton, extra	12 00	@	16 00
Hay, ₱ ton, ordinary	8 00	@	10 00
Straw ₱ ton	—	@	—

Retail Prices in the Fruit Market.

Fruit Market.—Luscious Peaches are coming in now by the thousands of baskets daily. Figs, Grapes, with Strawberries, Blackberries, Currants and Gooseberries, together with fine Apples, Pears, Apricots, etc. make a display enough to satisfy any one, and prices are very reasonable.

Some very extra Peaches and large English Gooseberries have been in our markets this last two weeks.—We can only say, we have abundance of the good things. Rates as follows:

Apples, ₱ box	1 75	@	2 00
Apples, ₱ lb	6	@	10
Pears, green, ₱ lb	6	@	10
Plums, ₱ lb,	5	@	15
do Large	—	@	—
Peaches, ₱ lb	8	@	15
do Dried	10	@	15
Nectarines, ₱ lb	—	@	—
Apricots, ₱ lb	—	@	—
Cherries, ₱ lb	—	@	—
Muscat Grapes, ₱ lb	—	@	—
Black Hamburg Grapes	—	@	—
Native Grapes, ₱ lb	—	@	—
Grapes, white, sweet water, ₱ lb	12	@	15
Melons, green flesh	25	@	50
Watermelons	25	@	50
Quinces, ₱ box	—	@	—
Figs, dried, ₱ lb	20	@	25
do Fresh, ₱ lb	12	@	15
Strawberries, ₱ lb	10	@	15
Rasberries, ₱ lb	20	@	25
Blackerries, wild ₱ lb	—	@	15
Gooseberries ₱ lb	—	@	—
Currants, ₱ lb	—	@	—
Lemons, ₱ 100	5 00	@	6 00
Oranges, ₱ 100	3 00	@	4 00
Limes, ₱ doz	25	@	50
Pine Apples, per doz	8 00	@	9 00
Bananas, per bunch	2 50	@	4 00
Cal. Walnuts ₱ lb	25	@	40
California Almonds, green	—	@	15
Chili do	—	@	15

Retail Prices in the Vegetable Market.

(Brown & Arnold.)

Vegetable Food.—This is the food for health, and any person going to market in our city would surely think that we in California should be a healthy people, for never was a *grander show* of these healthy eatables than in our markets.

We hope all new comers will get up early in the morning and walk through Sansome street about six or seven o'clock and see what we grow in this *hot* and dry climate, and then write home to the East the simple truth of our abundance here. See below for prices.

Asparagus, white ₱ lb	—	@	—
do green	—	@	12
Artichokes, (Fr.) ₱ doz	—	@	50
Brussell's sprouts, ₱ lb		@	—
Beets, ₱ doz		@	—
Broccoli, ₱ doz	—	@	25
Cauliflower, ₱ doz	75	@	1 00
Cabbage, ₱ doz	75	@	1 00
Carots, ₱ doz	—	@	25
Celery, ₱ bunch	10	@	15
Cress, ₱ doz. bunches		@	25
Cucumbers, ₱ doz	15	@	20
Cranberries, ₱ gall	1 00	@	1 50
do eastern, ₱ gall	—	@	1 50
Dried Herbs, ₱ doz	—	@	50
Egg Plant	15	@	20
Garlics, new		@	5
Green Peas, ₱ lb	4	@	5
Green Corn, ₱ doz ears	20	@	25
Sugar Peas	10	@	12
Lettuce, ₱ doz bunches	25	@	37
Mushrooms, open growth, ₱ lb		@	—
do cultivated		@	—
Onions, ₱ lb	4	@	5
Horseradish	20	@	25
Okra, dried, ₱ lb		@	25
Potatoes, ₱ 100 lbs		@	—
do do new	1 25	@	1 50
do Sweet	10	@	15
Pumpkins		@	—
Parsnips, ₱ doz bunches		@	—
Parsley		@	25
Pickles in jars, each	50	@	75
Rhubarb ₱ lb	6	@	8
Radishes, ₱ doz bunches		@	25
do yellow		@	25
do black, ₱ bunch	25	@	25
Green Peppers	12	@	20
do Red		@	—
Squash, Summer	4	@	5
do Marrowfat	3	@	5
do Hubbard	3	@	5
Beans, String	6	@	8
Green Lima, shelled		@	—
Spinage, ₱ basket	25	@	40
Salsify, ₱ bunch	10	@	15
Turnips, ₱ doz	—	@	25
Tomatoes, fresh, ₱ lb	—	@	4
Garlic	—	@	12

FISH

(Tessmore and Mayes.)

The Fish Market of our city is always good—nay, excellent—for we have all the choice things in this department that tickles the epicure's palate. Our new comers from the East are so delighted with our *Salmon* and Lake Tahoe *Trout*, and our other delicious Fish that, like the student's brother at the college, who did not have so *good living at home*, said he often had eaten for yesterday and the day before, he would eat for tomorrow and next day too, as it was so nice; so, when the *Members of the Press* who have been with us from the East shall go back and report us, we hope they will not forget to do justice to our *Markets*, as well as every thing else.

Tessmore & Mays of California Market, are always ready with the choicest that swims in the golden sanded waters of California.

almon, ₱ lb	—	@	12
do smoked, new	10	@	12
do pickled, ₱ b	—	@	12
Salmon Trout ₱ lb	—	@	38
Smelts		@	8
Perch		@	10
Rockfish		@	10
Codfish, dry	—	@	15
Herring, fresh	—	@	1 00
do smoked ₱ 100	—	@	20
Tomcod	—	@	8
Sardines, fresh	—	@	25
Soleñah	—	@	1
Crabs large ₱ doz	—	@	25
do small	—	@	50
do soft	4 00	@	5 00
Terrapin, ₱ doz	20	@	25
Mackerel, pickled, each	—	@	—
do fresh		@	10
Shrimps, ₱ lb	—	@	15
Flounders		@	—
Sea Bass	—	@	50
Halibut, rare	—	@	4
Sturgeon	100	@	1 25
Oysters, ₱	40	@	12
Lobsters, ₱ lb		@	50

MEATS-

(Leopold Miller)

Our Meat Market is as usual, well supplied; but during the warm and dry season purchasers of the eatables look more to the Fish, Vegetable and Fruit stalls than to the more solid articles of Beef, Veal and Pork. The following are the retail prices.

Beef, tenderloin, ₱ lb	15	@	18
do sirloin and rib pieces	15	@	18
do corned	10	@	12
do smoked	10	@	12
Pork, rib, etc., ₱ lb	12	@	15
do chops	12	@	15
Veal, ₱ lb	15	@	18
do cutlet	—	@	18
Mutton, chops, ₱ lb	10	@	12
do leg	—	@	10
Lamb, ₱ lb	12	@	15
Beef tongues, each	62	@	75
Pigs' Tongues, each	—	@	15
Bacon, California, ₱ lb	—	@	18
do Oregon	18	@	20
do smoked	18	@	20
Hams, California and Oregon	18	@	20
Cross' Sugar Cured		@	32

POULTRY AND GAME.

Poultry and Game.—This department is well supplied, although Spring Chickens bring good prices as an extra delicate dish.

Our old and well known Poultry King—Louderback—will always have a good stock and the best, and what he tells his customers, "is just so." Louderback always remembers the poor at the Holidays and is liberal, and the *rich* that want a *good* Poultry or a Game *dinner* always go to Louderbeck's stall for it.

Ducks, wild ₱ pair	—	@	—
do tame	1 00	@	1 25
do Canvas-back		@	—
do Mallard	—	@	—
do Teal, ₱ doz		@	
Geese wild, ₱ each		@	
do tame	2 50	@	3 00
Chickens, Young, each	75	@	1 00
Turkeys, ₱ lb	30	@	35
Hens, each	1 00	@	1 25
Snipe, ₱ doz	1 50	@	2 00
do English	—	@	3 50
Venison, ₱ lb		@	—
Quails, ₱ doz		@	
Pigeons, domestic, ₱ doz		@	4 00
do wild		@	
Hares, each	40	@	50
Rabbits, tame	—	@	50
do wild, per doz	—	@	1 50
Squirrel, ₱ pair	25	@	50

POULTRY AND GAME—WHOLESALE PRICES.

Hens, ₱ doz	10 00	@	12 00
Spring Chickens	6 00	@	9 00
Turkeys, ₱ lb	26	@	28
Ducks, tame, per doz	7 00	@	10 00
do wild,	—	@	
do Mallard		@	
Geese, tame, per pair	3 00	@	3 50
do wild ₱ doz		@	—
Pigeons, domestic, ₱ doz	2 50	@	3 00
do wild	—	@	—
Quail, ₱ doz	—	@	—

DAIRY—BUTTER, CHEESE, EGGS ETC.

(M. B. French & Co.)

Our Dairies—These are now to be considerably affected by *Eastern* Butter, which will now come to us in large quantities over the Pacific Railroad. *One Thousand Firkins* came recently in *ten days* from New York, and came in good condition and was eagerly sought for at good prices. It will be remembered that we have all along urged our dairymen to sell their butter when it 60 to 75 cents rather than to pack it down; for it is clearly evident now, that with the Railroad giving us only ten days to the markets of the East, Butter and Eggs will no longer command the old high rates of former days.

Butter, California, ₱ lb (Fresh)	40	@	50
do do packed	—	@	—
do Oregon packed	—	@	40
do Eastern	—	@	—
Eggs, California, ₱ doz	—	@	50
Duck-eggs	—	@	45
Farralone Eggs, ₱ doz	—	@	40
Cheese, ₱ lb	—	@	25
Lard, California	—	@	20
do Eastern	—	@	20
Honey, new	25	@	30
Vermont Maple Sugar ₱ lb	—	@	30

BUTTER, CHEESE, ETC.—WHOLESALE

Butter, California, ₱ lb	35	@	40
do do packed	—	@	—
do Eastern (new)	32	@	35
Cheese, California	15	@	17
Eggs, ₱ doz	42	@	45
Farralone Eggs, ₱ doz	—	@	32
Lard, ₱ lb	—	@	17

San Francisco Cattle Market.

AVERAGE SLAUGHTERERS PRICES

L. Miller.

BEEF—American, 1st quality, 10 @ 10½c ₱ lb
do. 2d do. 8 @ 9½c.
do. 3d do. 7½@8.
MUTTON—@7 ₱7½ lb. LAMB— @9c.
PORK—undressed, —8@9c; dressed, @12c.
VEAL—11@12½c ₱ lb.

New Productions of California.

Flax Seed ₱ lb	3½	@	4½
Hemp Seed ₱ lb	8	@	10
Castor Beans ₱ lb	3½	@	5
Castor Oil ₱ Gal	1 50	@	1 75
Hops, California	20	@	25
do. Imported	25	@	35
Mustard Seed	3 00	@	4 50

WOOL, TALLOW, HIDES ETC.

Wool, spring clip	15	@	18
do extra	18	@	20
Medium	15	@	18
do burry	10	@	12
Wool-sacks, new	80	@	1 00
do second-hand	40c	@	50
Dry hides, ₱ lb	14	@	18
Green salted, ₱ lb	7½	@	7½
Sheep skins, wool on	40	@	50
do do plain	15	@	30
Goat skins, each	40	@	60
Refined Tallow	9½	@	10

IMPORTANT TO MERCHANTS, FARMERS AND PLANTERS.

WE HAVE BEEN INFORMED THAT THE USUAL PRACTICE OF MERCHANTS, FARMERS AND PLANTERS in ordering their supplies of

Dr. McLane's Celebrated Vermifuge!

Has been to simply write or order Vermifuge. The consequence is, that instead of the genuine Dr. McLANE'S Vermifuge, they very frequently get one or other of the many worthless preparations called Vermifuge now before the public. We therefore beg leave to urge upon the Planter the propriety and importance of invariably writing the name in full, and to advise their factors or agents that they will not receive another than the genuine DR. McLANE'S CELEBRATED VERMIFUGE, prepared by FLEMING BROS., PITTSBURG, Pa.

We would also advise the same precaution in ordering DR. McLANE'S Celebrated LIVER PILLS. The great popularity of these Pills as a specific or cure for LIVER COMPLAINT, and all the Bilious Derangements so prevalent in the South and South West, has induced the venders of many worthless nostrums to claim for their preparations similar medicinal virtues Be not deceived! DR. McLANE'S Celebrated LIVER PILLS are the original and only reliable remedy for Liver Complaints that has yet been discovered. and we urge the Planter and Merchant, as he values his own and the health of those depending on him, to be careful in ordering. Take neither Vermifuge or Liver Pills, unless you are sure u are getting the genuine McLANE'S, prepared by

FLEMING BROTHRS, PITTSBURG, PA.

DR. M. LANE'S
CELEBRATED LIVER PILLS,

FOR THE CURE OF

Heptatis or Liver Complaint, Dyspepsia, and Sick Headache.

In offering to the public DR McLANE'S CELEBRATED LIVER PILLS, as a remedy for LIVER and BILIOUS COMPLAINTS, we presume no apology will be needed. The great prevalence of LIVER COMPLAINT and BILIOUS DISEASES OF ALL KINDS throughout the United States, and peculiarly in the West and South, where, in the majority of cases, the patient is not within the reach of a regular physician, requires that some remedy should be provided, that would not in the least impair the constitution, and yet be safe and effectual That such is the true character of DR McLANE'S LIVER PILLS, there can be no doubt. The great success which has invariably attended their use will, we think, be sufficient to convince the most incredulous. It has been our sincere wish that these Pills should be fairly and fully tested, and stand or fall by the effects produced. That they have been so tested, and that the result has been in every respect favorable, we call thousands to witness who have experienced their beneficial effect.

DR. McLANE'S LIVER PILLS, are not held forth or recommended, (like most of the popular medicines of the day,) as universal cure-alls, but simply for LIVER COMPLAINTS, and those symptoms connected with a deranged state of that organ.

DISEASES OF THE LIVER.

The Liver is much more frequently the seat of disease than is generally supposed. The function it is designed to perform, and on the regular execution of which depends not only the general health of the body but the powers of the Stomach, Bowels, Brain, and the whole Nervous System should be vast and vital importance to human health. When the Liver is seriously diseased, it fact not only deranges the vital functions of the body, but exercises a powerful influence over the mind and its operation, which cannot be easily described. It has so close a connection with other diseases, and manifests itself by so great a variety of symptoms, of a most doubtful character, that it misleads more physicians, even of great eminence, than any other vital organ. The intimate connection which exists between the Liver and the Brain, and the great dominion which I am persuaded it exercises over the passions of mankind, convince me that many unfortunate beings have committed acts of deep and criminal atrocity, or become what fools term hypochondriacs, from the simple fact of a diseased state of the Liver. I have long been convinced that more than one-half of the complaints which occur in this country, are to be considered as having their seat in a diseased state of the Liver. I will enumerate some of them:—Indigestion, Stoppage of the Menses, Deranged State of the Bowels, Irritable and Vindicative feelings and Passions from trifling and inadequate causes of which we afterwards ashamed; last, though not least, more than three-fourths of the diseases enumerated under the head of CONSUMPTION, have their seat in a diseased Liver. This is truly a frightful catalogue.

SYMPTOMS OF A DISEASED LIVER—Pain in the right side, under the edge of the ribs, increasing on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled; his feet is cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease; but cases have occurred when few of them existed, yet examination of the body after death has shown the Liver to have been extensively deranged.

AGUE AND FEVER—DR. M. AS LIVER PILLS in cases of AGUE AND FEVER, when taken with Quinine, are productive of the same happy results. No better cathartic can be used preparatory to, or after taking Quining. We would advise all who are afflicted with this disease to give them a fair trial.

DIRECTIONS.—Take two or three pills, on going to bed, every second or third night. If they do not purge two or three times by next morning, take one or two more; but a slight breakfast should invariably follow their use.—The Liver Pills may be used where purging is simply necessary. As an anti-bilious purgative they are inferior to none, and in doses of two or three, they give astonishing relief in Sick Headache; also, in slight derangements of the Stomach.

DR. M'LANE'S
American Worm Specific Vermifuge.

No diseases to which the human body is liable are better entitled to the attention of the philanthropist than those consequent on the irritation produced by WORMS in the Stomach and Bowels. When the sufferer is an adult, the cause is frequently overlooked, and consequently the proper remedy is not applied. But when the patient is an infant, if the disease is not entirely neglected, it is still too frequently ascribed, in whole or in part, to some other cause. It ought here to be particularly remarked, that although but few worms may exist in a child, and however quiescent they may have been previously, no sooner is the constitution invaded by any of the numerous train of diseases to which infancy is exposed, than it is fearfully augmented by their irritation. Hence it too frequently happens that a disease otherwise easily managed by proper remedies, when aggravated by that cause, bids defiance to treatment, judicious in other respects, but which entirely fails in consequence of worms being overlooked. And even in cases of great violence, if a potent and prompt remedy be possessed, so that they could be expelled without loss of time, which is so precious in such cases, the disease might be attacked, by proper remedies, even-handed, and with success.

SYMPTOMS WHICH CANNOT BE MISTAKEN.—The countenance is pale and leaden-colored, with occasional flushes, or a circumscribed spot on one or both cheeks; the eyes become dull; the pupils dilate; an azure semi-circle runs along the lower eyelid, the nose is irritated, swells, and sometimes bleeds; swelling of the upper lip, occasional headache, with humming or throbbing of the ears; an unusual secretion of saline, slimy or furred tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation o the stomach, at others entirely gone; fleeting pains in the stomach; occasional nausea and vomiting violent pains throughout the abdomen; bowels irregular, at times costive; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urin turbid; respiration occasionally difficult and accompanied by hiccough cough sometimes dry and convulsive; uneasy and disturbed sleep, with grinding of the teeth; temper variable but generally irritable, &c.

Whenever the above symptoms are found to exist, DR. McLANE'S VERMIFUGE MAY BE DEPENDED UPON TO EFFECT A CURE.

The universal success which has attended the administration of this preparation has been such as to warrant us in pledging ourselves to the public to RETURN THE MONEY in every instance where it proves ineffectual "providing the symptoms attending the sickness of the child or adult warrant the supposition of worms being the cause." In all cases, the medicine to be given in strict accordance with the directions.

We pledge ourselves to the public, that DR. McLANE'S VERMIFUGE DOES NOT CONTAIN MERCURY IN ANY FORM; and that it is an innocent preparation, and not capable of doing the slightest injury to the most tender infant.

DIRECTIONS.—Give a child, from two to ten years old, a teaspoonful in as much sweetened water every morning, fasting; if it purges through the day, well; but if not, repeat it again in the evening. Over ten, give a little more; under two, give less. To a full-grown person give two teaspoonfuls.

BEWARE OF COUNTERFEITS, AND ALL ARTICLES PURPORTING TO BE DR. McLANE'S. The great popularity of DR. McLANE'S GENUINE PREPARATIONS has induced unprincipled persons to attempt palming upon the public counterfeit and inferior articles, in consequence of which the proprietors have been forced to adopt every possible guard against fraud. Purchasers will please pay attention to the following marks of genuineness:—1st. The External Wrapper is a fine, Steel Engraving, with the signature of C. McLANE and FLEMING BROS. 2d. The Directions are printed on Fine Paper, with a Water Mark as follows: DR McLANE'S CELEBRATED VERMIFUGE AND LIVER PILLS, FLEMING BROS., PROPRIETORS. This Water Mark can be seen by holding up the paper to the light.—The LIVER PILLS have the name stamped on the lid of the box, in red wax.

Prepared only by
FLEMING BROTHERS, PITTSBURGH, PENN

Sole Proprietors of Dr. McLANE'S Liver Pills and Vermifuge,

SOLD BY DEALERS EVERYWHERE.

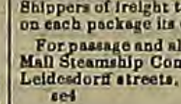
The proprietor will forward per mail, post paid, to any part of the United States, one box Liver Pills, or of Vermifuge on receipt of forty cents in Government Stamps.

Traveling.

STEAMSHIPS FOR

New York, Japan and China,

WILL BE DISPATCHED AS FOLLOWS



Leave Wharf corner First and B streets, at 11 o'clock, A. M., of the following dates for PANAMA, connecting via Panama Railroad, with the Company's splendid steamers from Aspinwall for New

On the 6th, 14th 22d and 30th of each month

Steamer leaving San Francisco on the 6th touches at Manzanillo. All touch at Acapulco.

Departure of the 14th is expected to connect with the French Trans Atlantic Comp.'s steamer for Aspinwall, and English steamer for South America. Through tickets can be obtained.

Departure of 14th is expected to connect with the steamer for Southhampton Australia and South America. P. M. S. S. Co.'s steamer for Central America. Through tickets can be obtained.

The following steamships will be dispatched as above given below:

STEAMERS FOR JULY

The following Steamships will be dispatched on dates as given below.

July 9—GOLDEN CITY, Capt. Wm. F. Lapham, connecting with ALASKA, Capt. Gray.

July 17—MONTANA, Capt. E. S. Farrarwood, connecting with HENRY CHAUNCY, Capt. Conner.

July 30—COLORADO, Capt. W. H. Parker, connecting with ARIZONA, Capt. Maury.

Passengers berthed through. Baggage checked to 100 pounds allowed each adult.

An experienced Surgeon on board. Medicine and attendance free.

☞ These Steamers will positively sail at 11 o'clock. Passengers are requested to have their baggage on board at 10 o'clock, A. M.

Through tickets to Liverpool by the "Cunard" and "National" Steamship Lines can be obtained at P. M. S. S. Co.'s office in San Francisco, where may also be made orders for passage from Liverpool or Southampton to San Francisco, either via New York or St. Thomas—If desired amount of £10 to £20 will be advanced with the orders. Holders of orders will be required to identify themselves to the Agents in England.

For Merchandise and Freight, for New York and way apply to Messrs. WELLS, FARGO & CO.

☞ The Steamship OREGONIAN, Capt. H. C. Cousins will be dispatched for YOKOHAMA and HONGKONG Wednesday, August 4th, at noon, connecting at Yokohama with the steamer NEW YORK, for SHANGHAI. Shippers of freight to China or Japan are requested to mark on each package its destination.

For passage and all other information, apply at the Pacific Mail Steamship Company's office, corner of Sansome and Leidesdorff streets.

se4 OLIVER ELDRIDGE, Agent.

THE GREAT OVERLAND RAIL ROUTE

VIA.

CENTRAL PACIFIC RAILROAD

OF CALIFORNIA.

THROUGH FREIGHT AND TICKET OFFICE

No. 415 CALIFORNIA STREET

(HAYWARD'S BUILDING.)

SAN FRANCISCO.

TICKETS SOLD, SLEEPING-CAR BERTHS secured, Freight rates and other information given on application at this office.

BAGGAGE checked through to points on the Central Pacific Railroad and Omaha at the California Steam Navigation Company's Dock, from 1 to 4 P. M., upon presentation of ticket, without expense to the passenger for transfer from steamer to cars at Sacramento.

THROUGH TIME (EASTWARD)

JUNE, 1869.

Trains Run Daily.	Dist.	Time.	Running Time.
Sacramento, leave	....	6:30..A. M.	.....
Promontory, arrive	600	9:55..P. M.	1 day 15 h.
Promontory, leave	....	10:30.. ..	.....
Omaha, arrive	1774	1:30..A. M.	4 days, 7 h.
Council Bluffs leave	....	11:00.. ..	.....
Chicago, arrive	2258	1:30..P. M.	5 days, 7 h.
Chicago, leave	....	5:15.. ..	.....
New York, arrive	3167	6:30.. ..	SEVEN DAYS
Council Bluffs, leave	....	10:00..A. M.	.....
St. Louis, arrive	2214	11:30.. ..	5 days, 1 h.

Prompt connections made at PROMONTORY.

FARE.

San Francisco to Promontory (Coin)		
.....	Omaha (currency)	
.....	St Louis (currency)	
.....	Chicago (currency)	
.....	Cincinnati (currency)	
.....	Niagara Falls (currency)	
.....	New York (currency)	
.....	Boston (currency)	

Children NOT over Twelve (12) years of age half fare, under Five (5) years of age, Free.

100 pounds Baggage (per passenger) Free.

☞ For Tickets and other information, apply at Company's Offices.

C. CROCKER,
General Superintendent.

T. H. GOODMAN, General Freight and Ticket Agent.
June 21st, 1869.

California Steam Navigation Company

Departure daily from Broadway wharf, at 4 o'clock, P. M.

CARRYING UNITED STATES MAIL

THE FAST AND SPLENDID STEAMERS

CHRYSOPOLIS and YOSEMITE

Will leave on alternate days for SACRAMENTO at 4 o'clock p. m., from Broadway wharf.

Steamer CHRYSOPOLIS, Chadwick, Master, will leave on Tuesdays, Thursdays and Saturdays. Steamer YOSEMITE, Poole, Master, will leave on Mondays, Wednesdays and Fridays.

Other steamers will also leave for STOCKTON every day at 4 o'clock, p. m. (Sundays excepted), from Broadway Wharf.

For Marysville and Intermediate Landings

Every Day.

Steamer YOUNG AMERICA, Littleton, Master, and Steamer SWALLOW, Summers, Master, will leave Sacramento on alternate days, at 6 o'clock a. m

ONE TRIP A WEEK FOR COLUSA, RED BLUFF, &c.

INTERMEDIATE LANDINGS.

The steamers LARK and GEM will leave for the above named places on SATURDAYS, at 7 o'clock, a. m. from Storeship, foot of K street, Sacramento.

For freight or passage by any of the above boats, apply on board, or at the Office of the Company, corner of Jackson and Front streets.

v17-13 J. WHITNEY, JR., President.

ONE THOUSAND PLANTS.

Those who are planting Gardens, and wish to make *collections* of choice plants, can buy them in quantities at a very low rate, if they visit the *Garden, Corner of Mason and Pacific Street*, in this city. Apply or address EDITOR FARMER.